seitron

THERMOREGULATION

2026
CATALOGUE

seitron

For 45 years, we have been designing technological evolution at the service of professionals

Since 1981, Seitron has represented Italian excellence in **thermoregulation**, **gas safety**, and **instruments for combustion**, **emissions** and **refrigeration analysis**.

Our figures demonstrate our deep-rooted solidity: **45 years of history**, a widespread presence in **80 countries** and a range of **over 500 products**. Every product is created within our company, where the entire supply chain is strictly controlled: from electronic design to plastic moulding, right up to final testing in our certified laboratories.

Innovation is the driving force behind our daily work. With significant investments in R&D and a strong focus on IoT, we have led the transition from mechanical thermostats to smart cloud-integrated systems, redefined the standards of professional combustion analysis and paid close attention to the safety of systems and professionals.

Choosing Seitron means relying on total quality, guaranteed by **Italian manufacturing processes** and rigorous testing that ensures product precision and durability over time.

Looking through this catalogue, you will discover the result of this commitment: tools designed for those who choose reliability and professionalism every day.

Seitron Milestones

1981 — Foundation
Seitrons' story begins in Bassano del Grappa, from an entrepreneurial idea by Ing. Vito Feleppa. The first steps were taken in the field of thermoregulation.

2021 — Seitron Americas
Seitron Americas is established, marking the first step towards consolidating the company's presence on the American continent.

2026 — 45 years of activity
A journey of constant growth that has transformed experience and technology into value for customers and partners worldwide.

Technological Milestones

1985 — Residential gas detectors
Seitron expands its product offering in the gas safety sector, initiating the development of residential gas detectors.

2004 — Combustion analyzers
Seitron begins to develop and manufacture a complete range of portable instruments and combustion analysers.

2019 — IoT products
Seitron takes its first steps into the Internet of Things sector, developing and producing connected thermostats, manageable via app.

2022 — Refrigeration
Seitron expands its market presence by entering the refrigeration sector.

2024 — Portable gas detectors
A new chapter begins for Seitron, which introduces its latest innovation: single-gas and multi-gas portable detectors.

INDEX
PRODUCTS

Smart Home

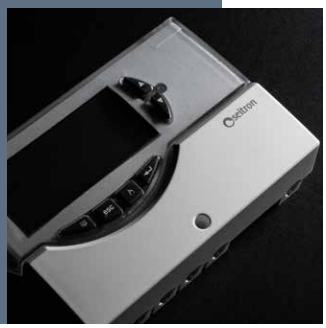
Programmable Thermostats

Fan Coil Thermostats

Wireless Thermostats

Thermostats
Wiring Boxes

Solar Heating Controllers



Climate controllers

IoT technology is revolutionising the HVAC sector by taking temperature control to new levels of efficiency. With the integration of smart systems, energy efficiency is increased and user experience is improved.

Seitron IoT products allow traditional heating systems to be transformed into remotely controlled systems, enabling the temperature of each room to be precisely monitored and managed by using smartphones or other connected devices, such as voice assistants.

Energy efficiency is a crucial aspect of smart temperature control. By regulating temperature, IoT systems reduce waste and optimize energy use, contributing to environmental sustainability and reducing operating costs.

Discover how our products can transform your home into a smarter, more welcoming environment.

Smart Home

WIFI PROGRAMMABLE THERMOSTAT

GCW03MR

wi-time wall

Design and Made in ITALY

The **Wi-Time Wall** Wi-Fi chronothermostat z a modern design with clean, elegant lines that complement any décor.
Weekly programming is straightforward and intuitive, as it can be managed entirely via smartphone with the Seitron Smart app.
Wi-Time Wall also has specific functions for hotels and B&Bs with settings lock and temperature adjustment range limitation.
The wall installation, 230 V power supply and 30-60-90 min boost function complete the picture.

Highlights

WI-FI CONNECTIVITY
Your heating or cooling system becomes smart when connected to Wi-Fi network

REMOTE CONTROL
Seitron Smart App helps to control room temperature wherever you are by using your smartphone

VOICE ASSISTANTS
Wi-Time Wall is compatible with Alexa and Google Home

INNOVATIVE DESIGN
Simple, elegant and essential design, suitable for any environment

EASY TO USE
Simple to install and to use, it is the perfect solution for all types of users

TECHNICAL FEATURES

Power supply	85 ... 264 Vac 50 ... 60 Hz
Sensor type	NTC 10 kOhm ±1% @ 25 °C
Contact Rating	3 A 250 Vac SPDT
Wi-Fi	802.11 b/g/n
Adjustable boost mode	30-60-90 min
Display	e-Paper
Dimensions (HxWxD)	80x120x22 mm
IP Rating	IP30
Class Reg.2013/811/EU	V = 3.0%

Seitron Smart
Temperature under control
Temperatures under control

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WORKS WITH alexa · Works with IFTTT · works with Google Assistant

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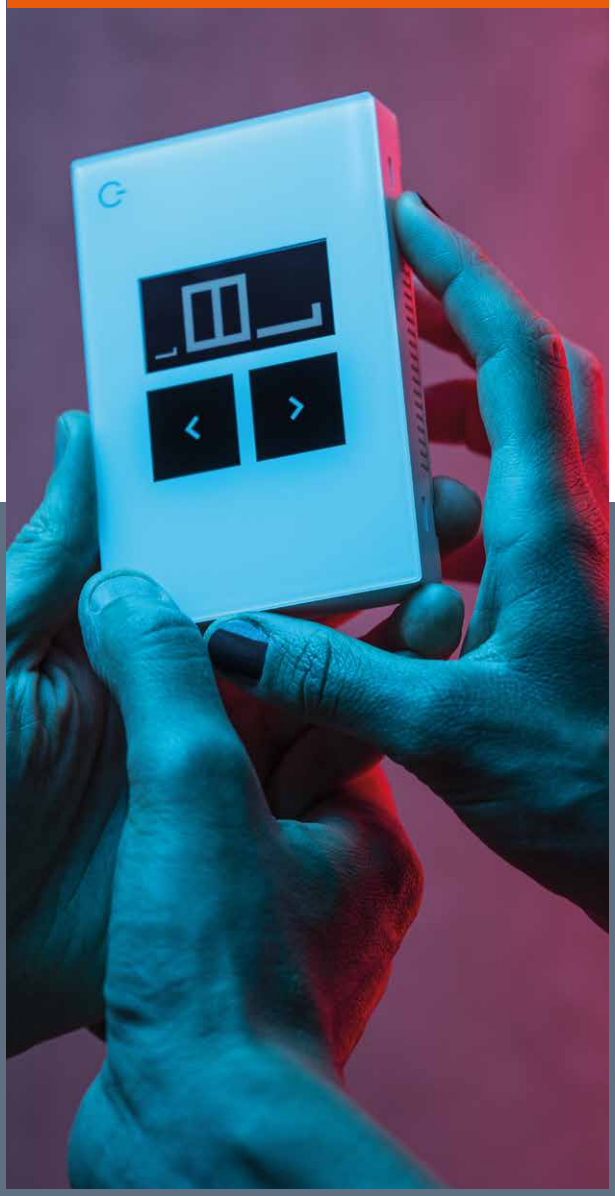
ACCESSORIES

STAD01
Ambient probe

STLD01
Remote probe

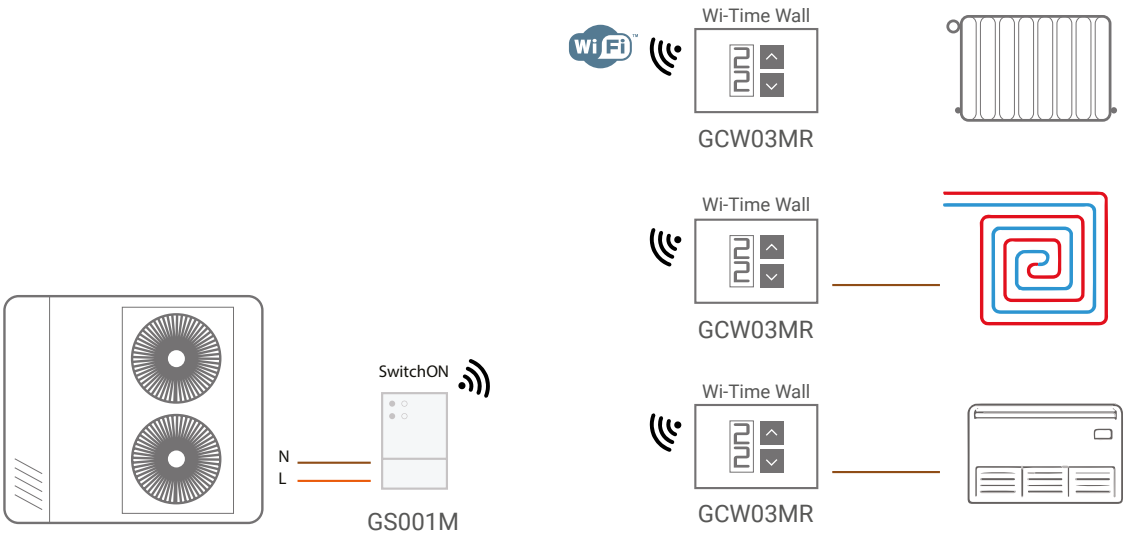
Innovative design



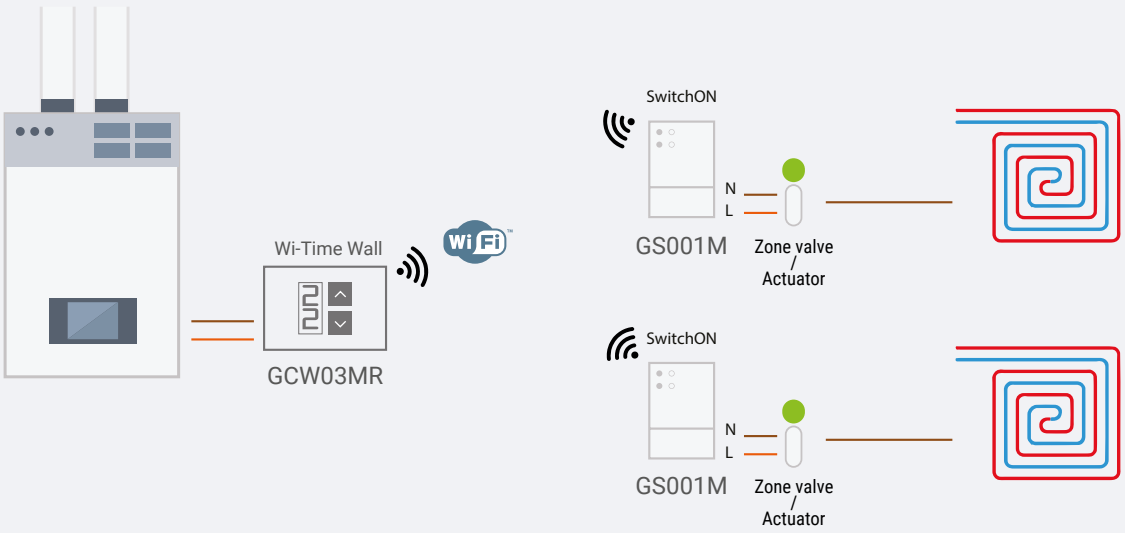
Maximum readability

Application examples

Heating / Cooling System
(with SwitchON + Wi-time Wall)

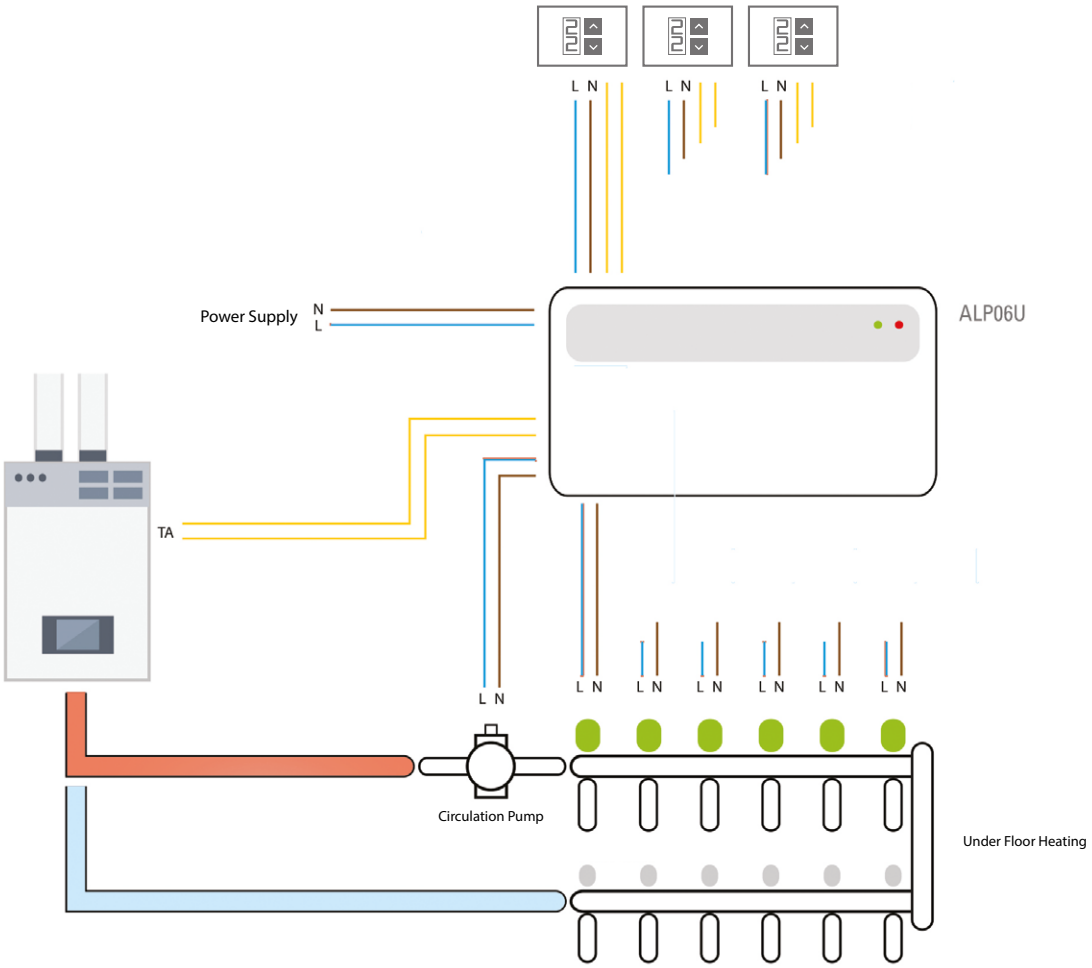


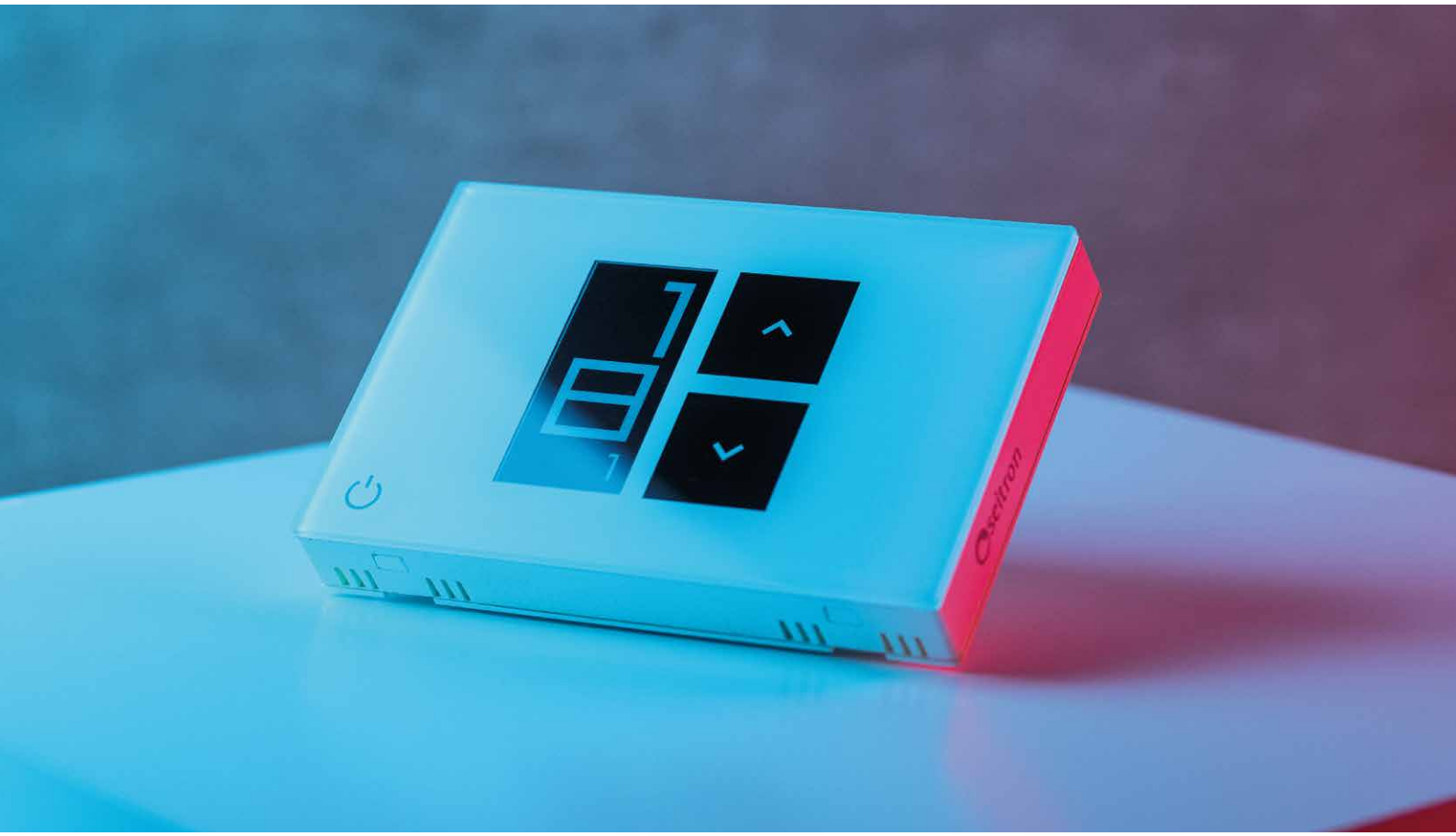
Radiant floor system
(2 Zones - with 2 SwitchON + Wi-time Wall)



Multi-zone underfloor heating/cooling system

According to number of zones, (x) Wi-time Wall + connection box (ALC006U or ALC012U or ALP06U or ALCD08M0M)





PROGRAMMABLE WIRELESS THERMOSTAT
HYGGE HOME KIT
KTY003

Design and Made in ITALY

Hygge Home system allows to control home heating thanks to Hygge wireless thermostat, which can be placed and moved in any room of the house, thanks to radio communication with the boiler.
By using Seitron Smart mobile app it is possible to manage remotely the heating system wherever you are.

Technical Features

Thermostat	
Power supply	2 x 1.5 V AAA
Working range	+5.0 .. +35.0 °C
Resolution	0.1 °C
Class Reg.2013/811/EU	V = 3.0%
Gateway	
Power supply	100 ... 253 Vac 50 ... 60 Hz
Wi-Fi	802.11 b/g/n
Wireless Receiver	
Power supply	85 ... 264 Vac 47 ... 63 Hz
Outputs	6(3) A 250 Vac SPDT + Modbus®

Seitron Smart
Temperature under control
Temperatures under control

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WORKS WITH alexa | Works with IFTTT | works with Google Assistant

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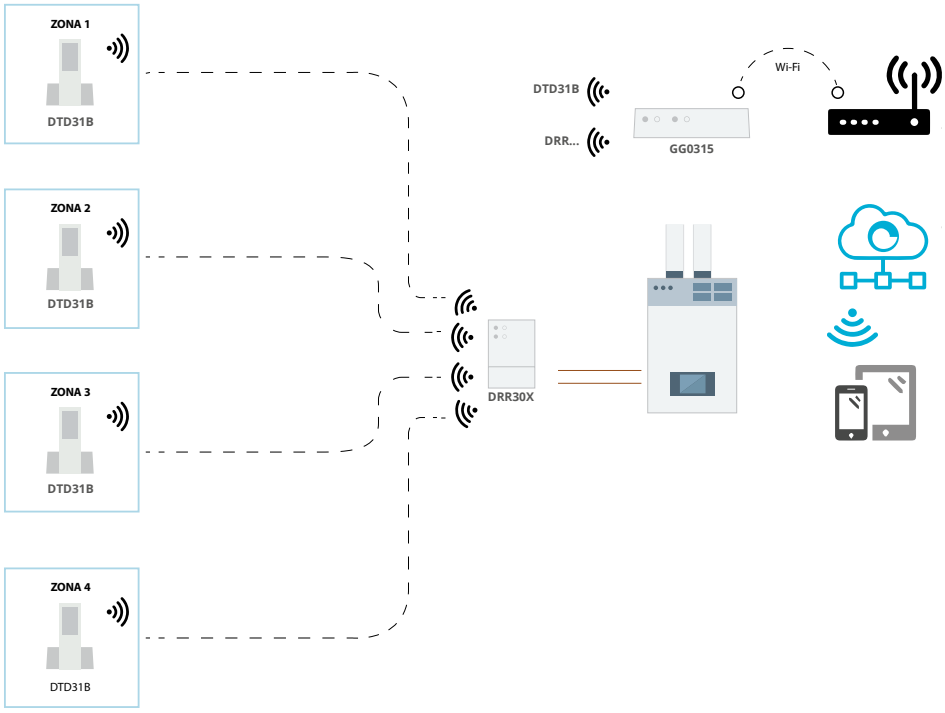
Accessories

STAD01
Room Temperature Probe

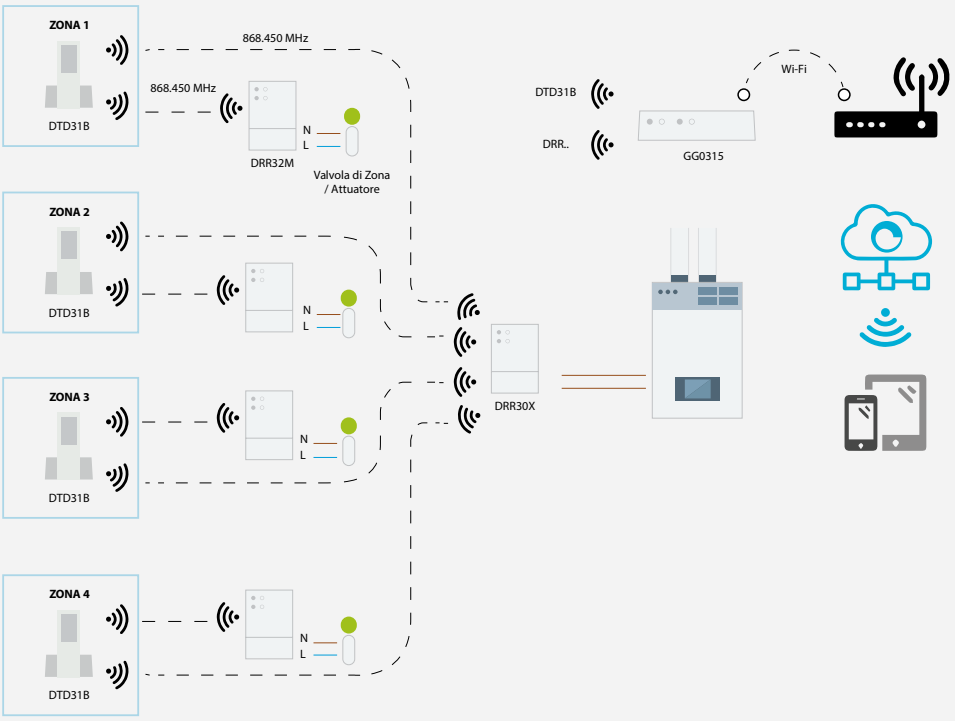
STLD01
Remote Probe

Application examples

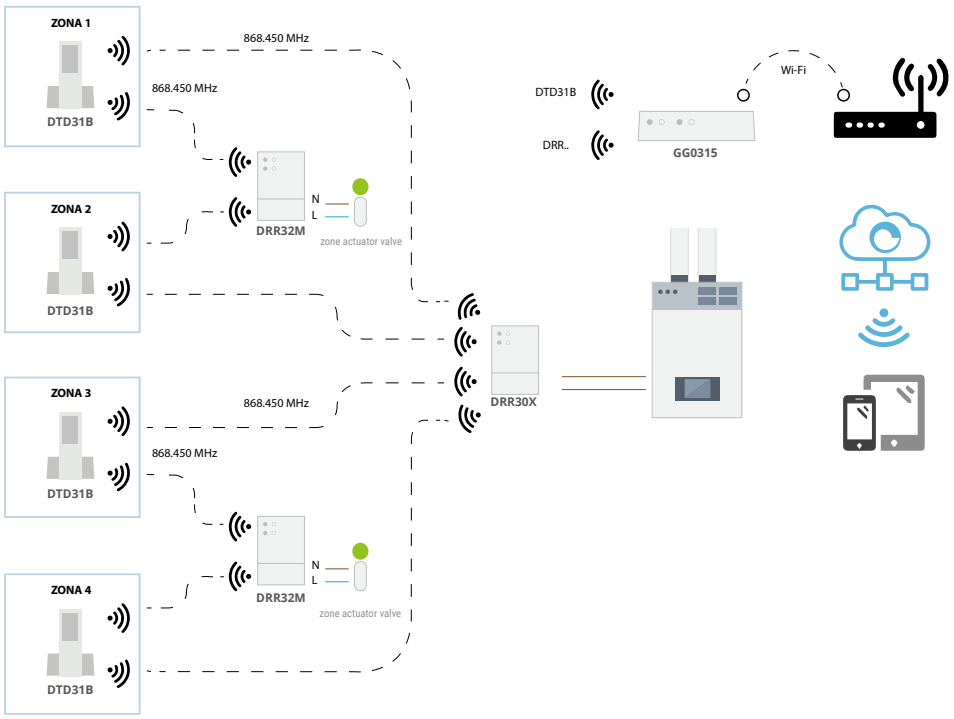
Traditional Heating System
(4 Zones - with DRR30X)



Radiant floor system
(4 Zones - with DRR30X + 4 DRR32M)

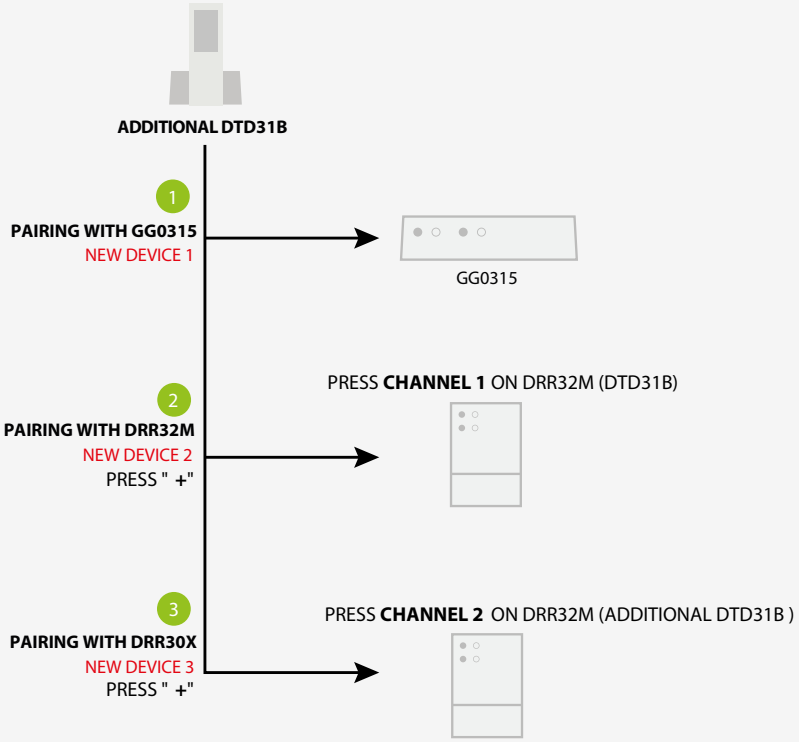


Radiant floor system
(4 Zones - with DRR30X + 2 DRR32M)



Example of device pairing

Radiant floor system
(2 Zones - with DRR30X + DRR32M)



WEEKLY WIRELESS THERMOSTAT
HYGGE
DTD31B

Design and Made in ITALY

Hygge is the wireless thermostat that allows to control your home heating from your smartphone.
With Seitron Smart app, the user can manage remotely the heating.
Being battery-powered, Hygge thermostat can be installed on the wall or can be conveniently moved and positioned thanks to its magnetic base.

Technical Features

Power supply	2x 1.5 V AAA
Dimensions (HxWxD)	115x35x19 mm
Frequency	868.450 MHz
Max. RF power	1 mW
Antenna type	Internal
Max. distance from receiver	>300 m in free field >50 m inside buildings, depending on the type and environment
Working range	5.0 ... 35,0 °C
Sensor Type	NTC 10 kOhm ±1% @ 25°C B(25/85)=3977
Resolution	0.1 °C
Measuring range	0 °C ... +50 °C
Accuracy	±1.0 °C
Offset	± 10 °C. (Default 0 °C)
IP Rating	IP30
Class Reg.2013/811/EU	I = 1.0%

Seitron Smart
Temperature under control
Temperatures under control

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WORKS WITH alexa | Works with IFTTT | works with Google Assistant

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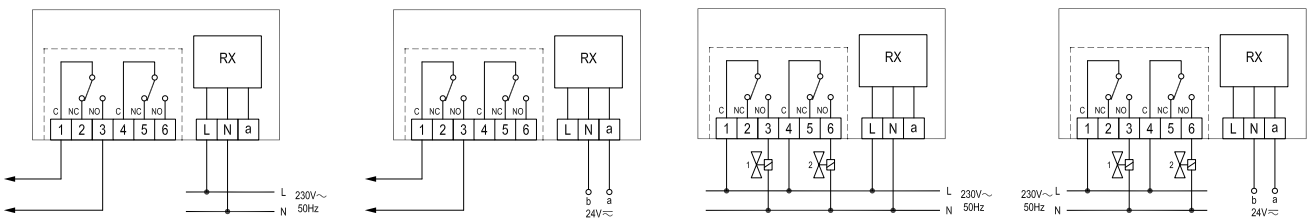
2-CHANNEL RADIO RECEIVER (BIDIRECTIONAL)
HYGGE RADIO MULTIZONE
DRR32M

Design and Made in ITALY

Hygge Radio Multi Zone is the 2-channel radio receiver with bidirectional wireless technology, suitable for multi-zone systems. It receives commands from Hygge thermostats (DTD31B) to control actuators, solenoid valves, automatic shutters or fans via 2 SPDT relay outputs. It also features self-learning of the transmission code.
Two colour LEDs indicate the output realys' status and the quality of the radio communication with the corresponding transmitter.

Technical Features

Power supply	24 V/230 Vac ±10% 50 Hz
Power absorption	11 VA
Output (relay)	2x6(4) A 250 Vac
Frequency	868.450 MHz
Type of antenna	Internal stylus
Bicolour LED indicator	Active relay/transmission quality
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm



WI-FI GATEWAY
HYGGE WAY
GG0315

Design and Made in ITALY

Hygge Way is the centre of the thermoregulation home automation system based on Hygge thermostats.
The gateway is the device that enables smart functionality, collecting data from wireless thermostats and transmitting the information to the cloud.

Technical Features

Wi-Fi connectivity	802.11 b/g/n
Radio connectivity	868 MHz bi-directional
IP Rating	IP30

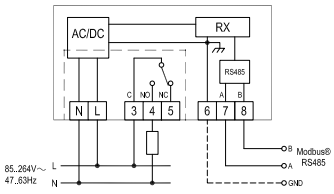
1-RELAY RECEIVER + MODBUS®
HYGGE RADIO
DRR30X

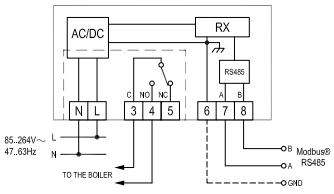
Design and Made in ITALY

Hygge Radio is the radio receiver for 1-channel heating/cooling systems with Modbus® RTU communication.
The device is equipped with an SPDT relay output and an RS485 Modbus® RTU communication port.

Technical Features

Power supply	85 ... 264 Vac 47 ... 63 Hz
Outputs	6(3) A 250 Vac SPDT + Modbus®
Communication port	MODBUS® RTU via RS485
Two-colour LED indicator	Active relay/transmission quality
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm





WI-FI SWITCH
SWITCHON
GS001M

Design and Made in ITALY

SwitchON is a Wi-Fi switch for home automation with dual functionality:

- one-channel radio receiver, combined with Wi-Time Wall programmable thermostat, for activating a load (e.g. electro-thermal valve or circulator)
- IoT switch for remote control, automation and programming of electrical devices (e.g. irrigation system, lighting, motorised overhead door).

Up to 6 thermostats Wi-Time Wall can be associated with SwitchON.

Technical Features

Power supply	95 ... 290 Vac - 47 ... 440 Hz
Power absorption	less than 2 W
Relay contact rating	2 x 3 A 250 Vac/3 A 30 Vdc max SPDT (voltage-free contacts)
Wi-Fi	802.11 b/g/n
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm

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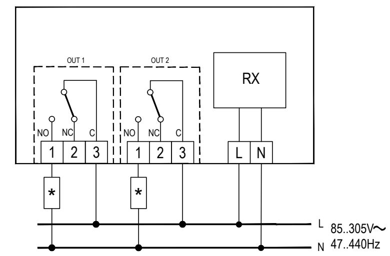
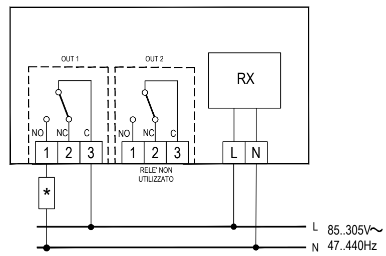
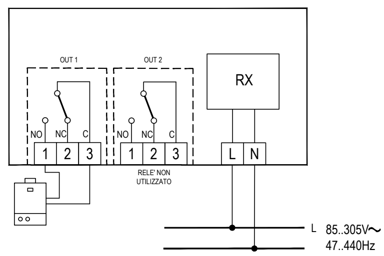
GS001M Modalità: interruttore IoT
GS001M Mode: IoT switch mode



GS001M Modalità: in abbinamento a Wi-Time Wall
GS001M Mode: Wireless receiver with Wi-Time Wall





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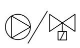
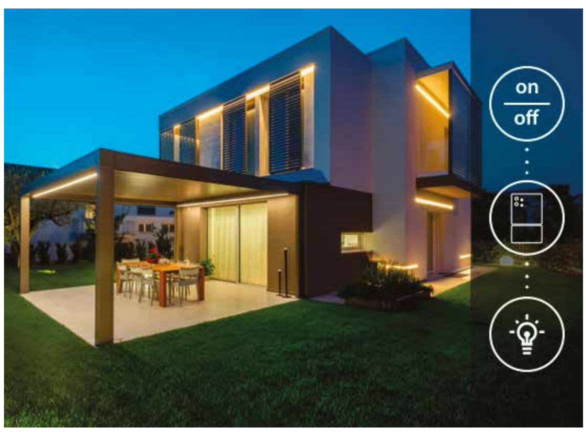




SEITRON SMART APP

Seitron Smart App is the access point to manage and program all Seitron IoT devices.

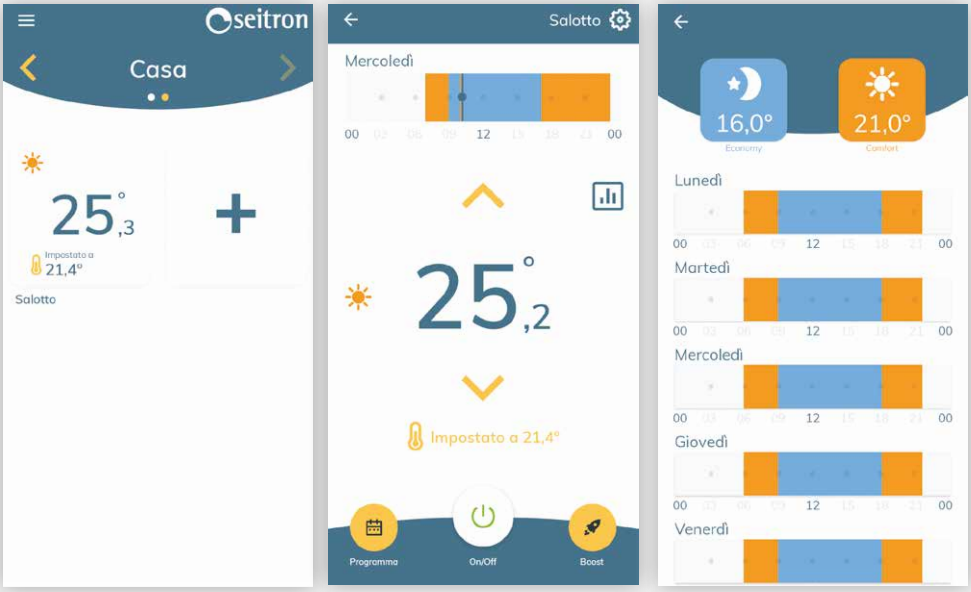
The app allows multiple devices to be paired, even different ones, such as Wi-Time Wall, Hygge and SwitchON, and to organise them according to the room they are installed in.

With Seitron Smart you can programme devices, use special functions such as the boost mode, in addition to controlling consumption by means of graphs and statistics .

Intuitive control, immediate comfort

With Seitron Smart App, thermostat programming becomes easy and intuitive.

Anywhere and at any time, it is possible to interact with the system, check its status and, if necessary, modify it according to personal comfort needs.



wi-time
wall

Seitron programmable thermostats are designed to provide precise and customized climate control, ensuring optimal comfort and energy savings. Programming is strenght forward thanks to a simple and intuitive interface.

The possibility to program time slots, in addition to comfort and economy temperature, settings allows heating and cooling systems to adapt to each user's habits, improving efficiency while reducing emissions and energy costs.

Discover the technical features of our programmable thermostats and how they can improve heating systems management.

Programmable Thermostats

DIGITAL PROGRAMMABLE THERMOSTAT

TCD02B2

freetime evo

Design and Made in ITALY

Freetime Evo was developed focusing on simple and intuitive programming, by means of a user-friendly interface.
The modern and intuitive design makes Freetime Evo suitable for any environment in which you wish to install it.

There is no longer any need to choose between the daily and weekly programming versions, as the user can set the most suitable mode at any time.
The room temperature control can be managed on two levels: Comfort and Economy.

Highlights

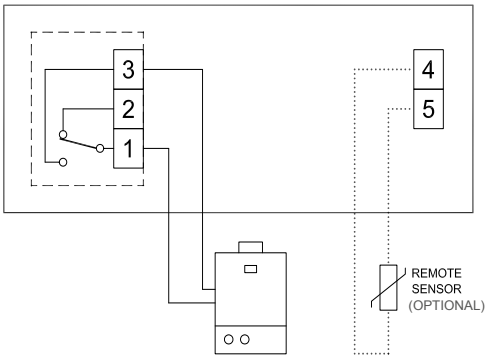
WEEKLY / DAILY MODE
Freetime Evo can be set for weekly or daily programming, based on user's choice

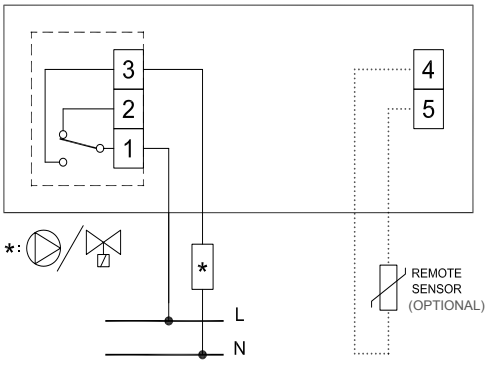
EASY INSTALLATION
Freetime Evo is battery-powered, thus installation is made simple and quick by connecting 2 wires

INTUITIVE
The highly intuitive programming is the trademark of Freetime Evo

MODERN DESIGN
Freetime Evo stands out for its simple, modern aesthetics and a design that fits any environment

Power supply	2 x 1.5 V AA
Battery life (years)	>3 years
Contact rating	5(1) A 250 Vac SPDT
Type of Internal sensor	NTC (10 kOhm @ 25°C)
Operation	On/Off Hot/Cold
Settable temperatures	3 (Comfort-Economy-Antifreeze)
Adjustable range	5 . 40 °C
Adjustable antifreeze	0.5 °C ... 25.0 °C
Adjustable offset	-10.0 °C ... +10.0 °C
IP Rating	IP30
Dimensions (HxWxD)	86x134x36 mm
Class Reg.2013/811/EU	IV=2.0%





Note: The remote probe and clamp are not included with the product and must be purchased separately.

ACCESSORIES

STAD01
Room temperature probe

STLD01
Remote probe

DAILY DIGITAL PROGRAMMABLE THERMOSTAT

FREETIME PLUS

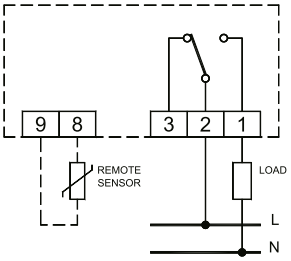
TCD01B

Design and Made in ITALY

Freetime Plus is the digital battery-powered programmable thermostat for managing the heating system.
Daily programming on 2 temperature levels (Comfort and Economy) is made easy by the use of the mechanical pins.
Freetime is also set up for the connection of a remote probe.

Technical Features

Power supply	2 x 1.5 V AA
Battery life (years)	>1 year
Contact rating	5(1) A 250 Vac SPDT
Type of Internal sensor	NTC (10 kOhm @ 25 °C)
Operation	On/Off Hot/Cold
Settable temperatures	2 (Comfort-Reduced)
Adjustable range	5 . 35 °C
Adjustable antifreeze	0.0 °C ... 25.0 °C
Adjustable differential	0.0 °C ... 5.0 °C
Adjustable offset	- 5.0 °C ... +5.0 °C
IP Rating	IP30
Dimensions (HxWxD)	87x133x32 mm
Class Reg.2013/811/EU	IV=2.0%



Main applications:
motorised zone valves
circulators - wall boilers

Accessories

STAD01
Room temperature probe

STLD01
Remote probe

ELECTRONIC PROGRAMMABLE THERMOSTAT

TEMPORA

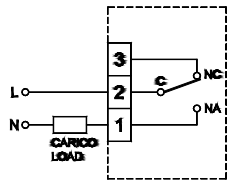
TCEGIOBI03

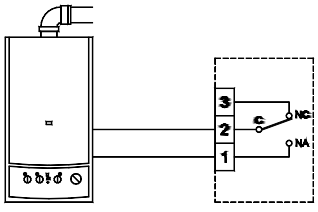
Design and Made in ITALY

Tempora is an analogue electronic programmable thermostat, powered by batteries. Daily programming is done by means of a clock on 2 temperatures that can be set using the knobs. There are 3 operating modes: manual/automatic/off-antifreeze.

Technical Features

Power supply	2 x 1.5 V AA
Battery life (years)	>1 year
Operation	On/Off-Antifreeze/Manual
Settable temperatures	2 (Comfort-Economy)
IP Rating	IP20
Working range (comfort)	10 ... 30 °C
Working range (economy)	10 . 26 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Output (relay)	5(1) A @ 250 Vac SPDT
Dimensions (HxWxD)	84x156x36 mm
Class Reg.2013/811/EU	I=1.0%





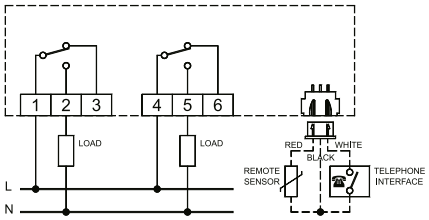
PROGRAMMABLE THERMO-HYGROSTAT
THYGROS
THW01B - THW02B

Design and Made in ITALY

Thygros is a battery-powered programmable thermo-hygrostat for heating/cooling and humidification/dehumidification control.
It is extremely flexible thanks to the management of up to 7 separate programmes, one for each day of the week, with 48 time slots and 3 temperature and humidity levels (Comfort, Economy, Off/Antifreeze).
Thygros also monitors the dew point and it can be connected to a remote probe.

Technical Features

Power supply	2 x 1.5 V AA
Settable temperatures	3 (Comfort-Economy-Off/Antifreeze)
Working range	5 . 40 °C
Antifreeze	0.5 . 25 °C
Type of Internal sensor	NTC (10 kOhm @ 25 °C)
Output	5(1) A 250 Vac SPDT
Dimensions (HxWxD)	87x132x27mm
IP Rating	IP30
Setting range	3 (Comfort-Economy-Off)
Working range	10 .. 95% RH
3rd adjustment level	Off ... 20 .. 90% RH
Class Reg.2013/811/EU	I=1.0%



Accessories

STAD01
Room temperature probe

STLD01
Remote probe

The Seitron range of fan coil thermostats is designed for maximum precision and comfort.

Available in both digital and smart versions, these controls combine advanced technology with elegant design, ensuring total climate control in every room.

With the increasing use of fan coils in residential settings there is a rising demand for smart thermostats that can be managed remotely, via smartphone, PC or integrated with voice assistants and smart home systems.

Fan Coil Thermostats

SMART PROGRAMMABLE FAN COIL THERMOSTAT

GFW01XZ

Smart Diamond

Design and Made in ITALY

Thanks to its design, Smart Diamond is able to to integrate perfectly into any residential or commercial environment.
It is the ideal solution for managing all the common functions of a fan coil.
Smart Diamond can be configured as a standard thermostat or a weekly programmable thermostat.

The flexibility of parameter configuration makes Smart Diamond adaptable to various types of installations, made easy with Modbus®.
Wi-Fi connectivity allows for remote control.

Highlights

WIFI AND MODBUS®
With Wi-Fi connectivity and Modbus® communication, it is the right device to manage multiple types of systems

EXTREME CONFIGURABILITY
Many configurable parameters, in addition to a simple and elegant design, make it suitable for any type of installation, commercial or residential

SMART CONTROL
With the Seitron Smart App the user can set and monitor room temperature remotely, also by using Alexa and Google Home

EASY TO USE
Simple to set up and use, it is suitable for all types of users

VERSATILITY
This device is suitable for regulating all types of fan coil and hybrid systems
(fan coil and underfloor heating)

TECHNICAL FEATURES

Power supply	85 ... 264 Vac 50 ... 60 Hz
Sensor type	NTC 10 kΩ ±1% @ 25 °C Beta 3977 ±1% (25/85 °C)
Setting range	5,0 ... 35,0 °C
Antifreeze	0.0 . 20,0 °C
Range	-10,0 ... +50,0 °C
Resolution	0,1 °C
Accuracy	± 1 °C
Hysteresis	0,2 °C (adjustable)
Fan relay outputs	3 x 4(1) A 250 Vac
Actuator relay outputs	2 x 3(1) A 250 Vac
Total contact capacity	9 A MAX
Proportional outputs	0 .. 10 V (adjustable)
WiFi	802.11 b/g/n
Antenna type	Internal
Communication port	Modbus® RTU via RS485
Dimensions (HxWxD)	80x120x12 mm
IP Rating	IP30
Working temperature	0 °C ... +40 °C
Class Reg.2013/811/EU	V = 3,0 %

Seitron Smart
Temperature under control
Temperatures under control

Download on the Google Play | Download on the App Store | Download on the AppGallery

WORKS WITH alexa | Works with IFTTT | works with Google Assistant

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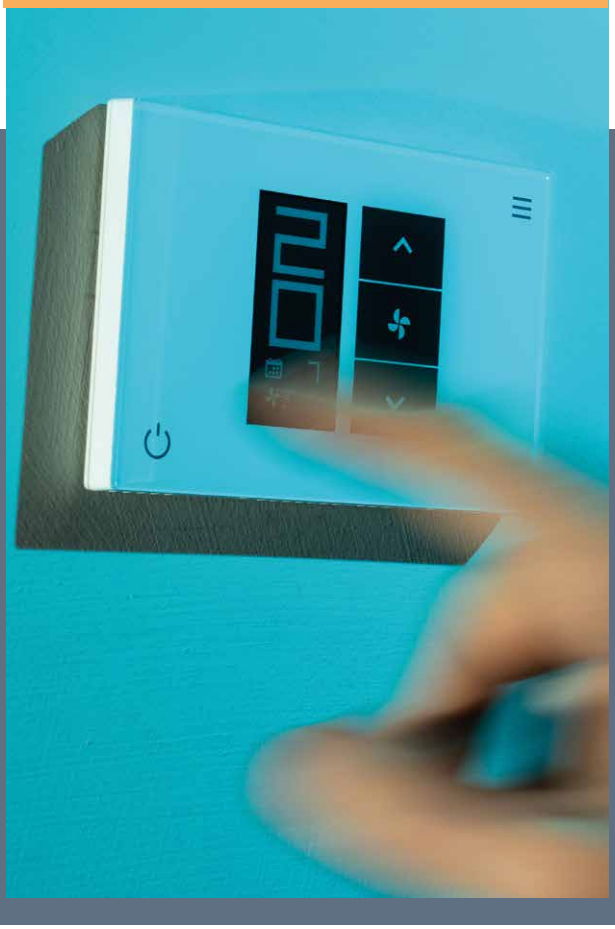
ACCESSORIES

STAD01
Ambient probe

STLD01
Remote probe

Innovative design



Maximum readability

MAIN FEATURES

Smart Diamond offers numerous functionalities and configuration possibilities via parameters.

Pre-configuration of parameters according to system characteristics:

- 2-pipe or 4-pipe system, underfloor system or with electric heater integration
- AC motor or EC motor
- ON/OFF or proportional actuator

Over 100 parameters to customise or configure the device:

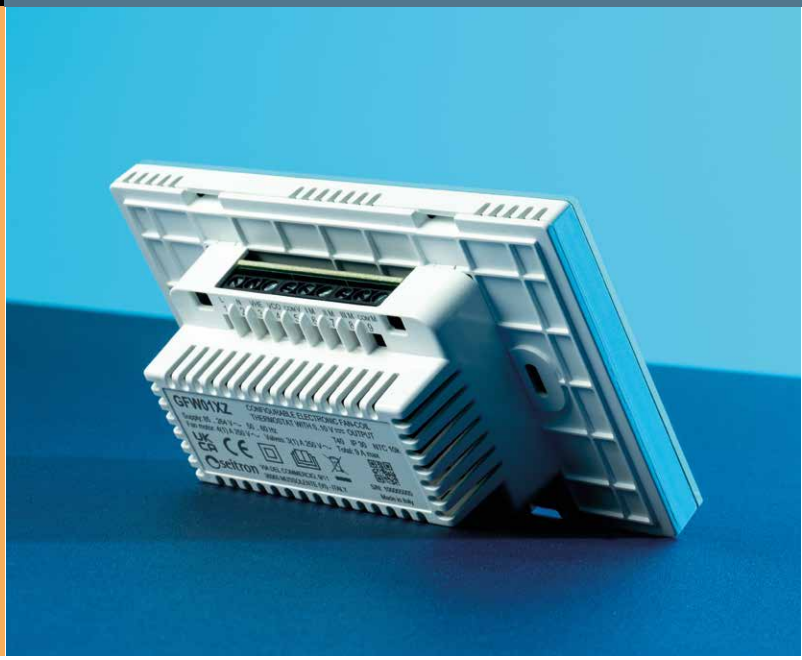
- User Interface
- Plant
- Regulation
- Modbus® communication

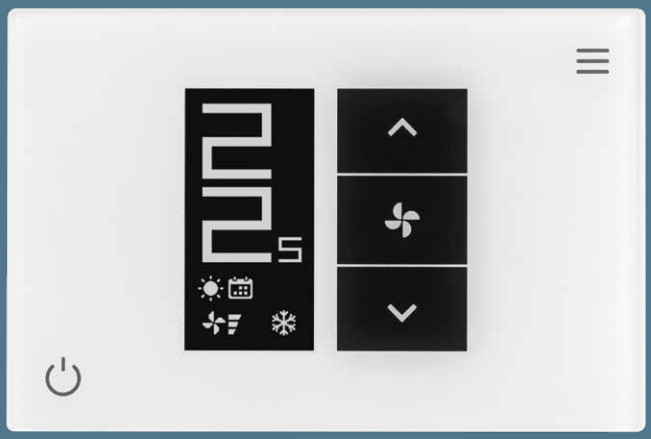
Fan coil types:

- with 3-speed AC motor
- with EC motor 0 ... 10 V

Valve types:

- ON / OFF
- Proportional





Manual or automatic **fan speed** selection for 3-speed AC motor or EC motor 0 .. 10 V.

Manual, centralised or automatic selection of **summer/winter mode**.

Automatic mode with flow water temperature **changeover** (for 2-pipe systems) or on the neutral zone (for 4-pipe systems)

Multiple **modes of operation**:
- 1-setpoint thermostat
- thermostat with 2 setpoints (comfort/economy)
- chronothermostat with weekly time programming

Thermostat control
Thermostatting of valves, fan or both

2 outputs 0 ... 10 V for EC fan or actuators.

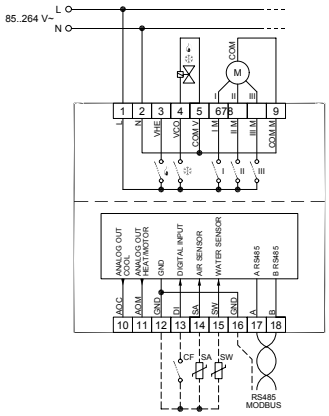
5 relay outputs for 3-speed AC fan or On/Off actuators

2 remote temperature **probe inputs** for room temperature and flow water.

1 configurable digital input: economy, window contact, etc.

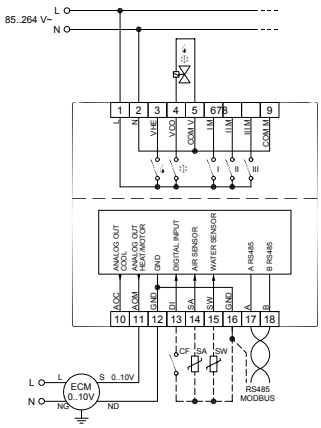
Reconfigurable inputs and outputs for **special functions** (examples: heater, heat pump, underfloor system)

2-PIPE SYSTEMS
Application Examples



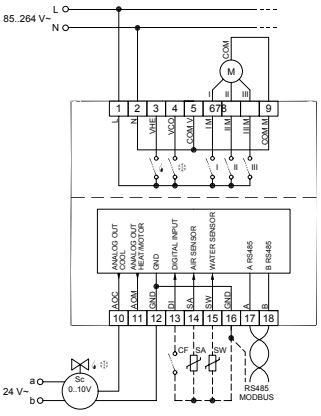
Connection diagram for:

- 2-pipe system
- 1 ON/OFF valve for Heating/Cooling
- 3 Speeds 1 AC motor



Connection diagram for:

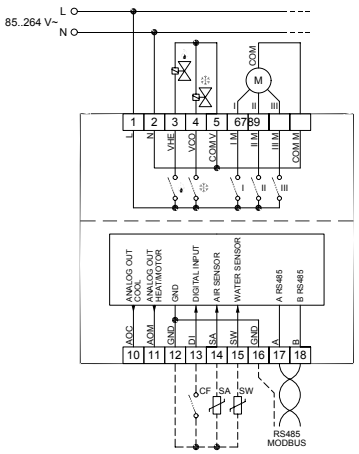
- 2-pipe system
- 1 ON/OFF valve for Heating/Cooling
- 1 EC motor 0 ... 10 V



Connection diagram for:

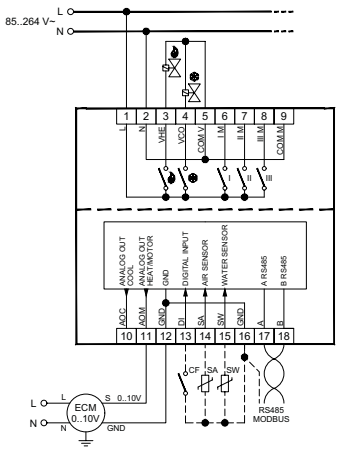
- 2-pipe system
- 1 actuator 0 ... 10 V for Heating/Cooling
- 1 AC motor 3 Speeds

4-PIPE SYSTEMS
Application Examples



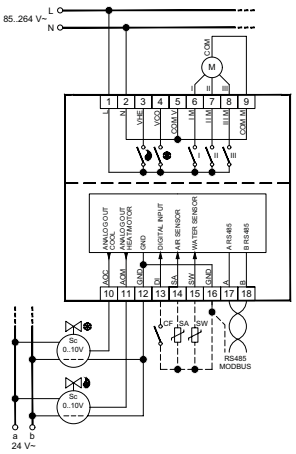
Connection diagram for:

- 4-pipe system
- 2 ON/OFF valves for Heating/Cooling
- 1 AC motor 3 Speeds



Connection diagram for:

- 4-pipe system
- 2 ON/OFF valves for Heating/Cooling
- 1 EC motor 0 ... 10 V



Connection diagram for:

- 4-pipe system
- 2 actuators 0 ... 10 V for Heating/Cooling
- 1 AC motor 3 Speeds

Seitron Smart App

Seitron Smart App allows full control of the **Smart Diamond** chronothermostat directly from a smartphone.
Using the app simplifies and speeds up programming (of temperature and fan speed) and the setting of heating and cooling modes.

Seitron Smart
Temperature under control
Temperatures under control

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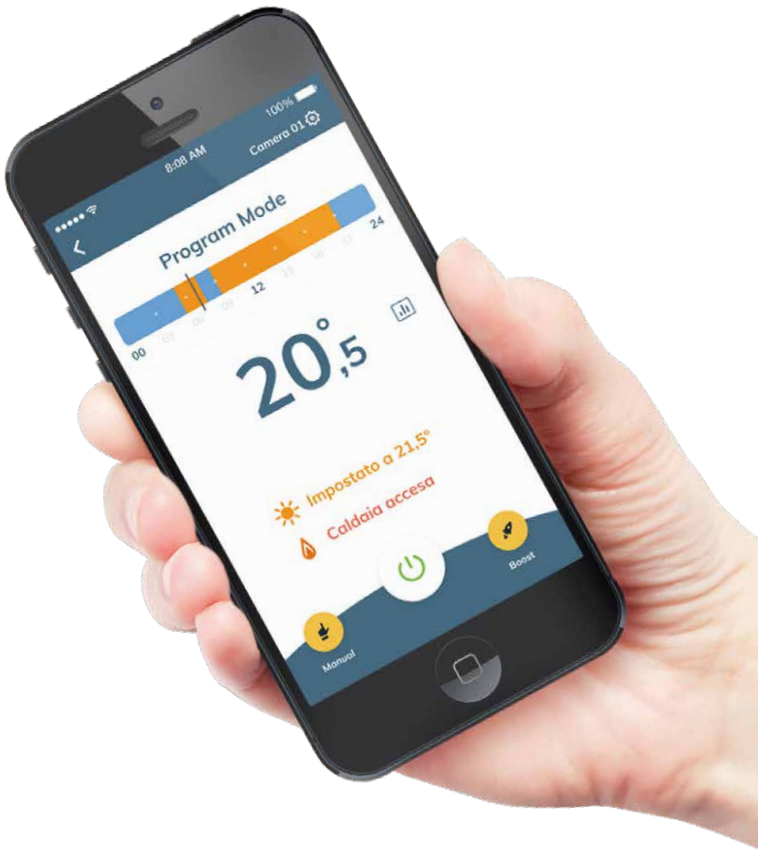
WORKS WITH alexa | Works with IFTTT | works with Google Assistant



DIGITAL THERMOSTAT FOR FAN COILS

DIAMOND new line

TFF01M

Design and Made in ITALY

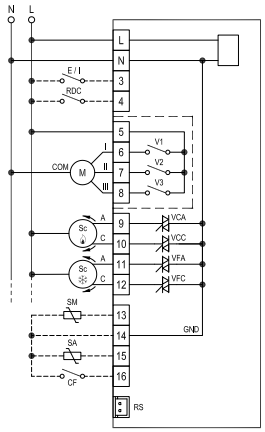
The configurable digital thermostat for fan coils allows automatic or manual selection of the 3 fan speeds, as well as manual, automatic or centralised (via an input, neutral zone and flow water changeover) summer/winter mode. The thermostat can be configured according to installation requirements, thanks to several special functions (Economy, Dirty Filter Warning, Window Contact).
In addition to provision for external probe and flow probe, it is suitable for controlling On/Off valves, PWM, 3-point servo controls, resistors, heat pumps.

Technical Features

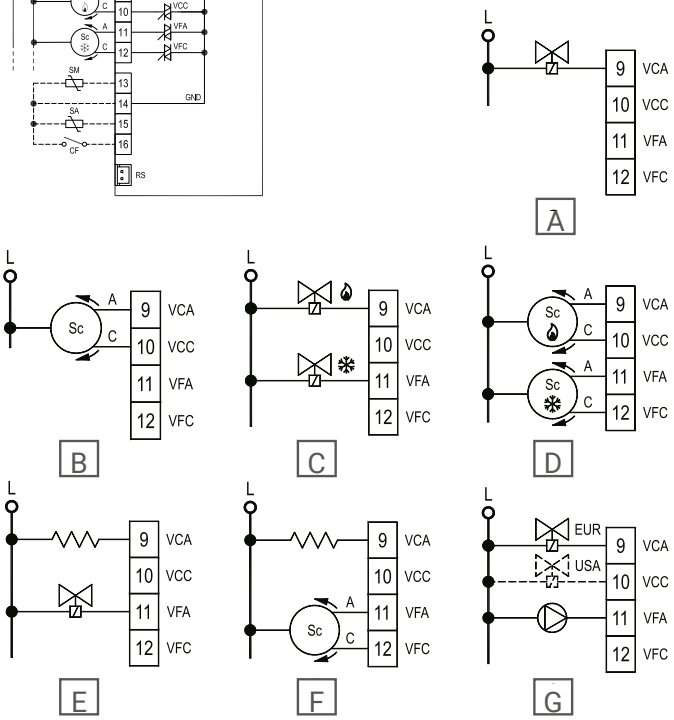
Power supply	230 Vac -15/+10% 50 Hz or 230 Vac ±10% 60 Hz or 24 Vac -15/+10% 50/60 Hz
Working range	Adjustable: 5 . 35 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Outputs (N.O. relays):	
3x fan speed	3A 230 V ~
Outputs: 4x valves	4x0.3 A (cosφ=1) (on/off or 3 points), servo controls, resistors and heat pumps
Speed control	Automatic/Manual
Differential	0.2 . 1,0 °C
LCD display	Multifunction
Dimensions (HxWxD)	87x132x23.6 mm
IP Rating	IP30
Class Reg.2013/811/EU	V=3.0%

Accessories

STLD01
Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)



A Opens
C Closes
Sc 3-point servo control
SA Room temperature probe
SM Discharge probe
EI Centralised Summer/Winter



DIGITAL THERMOSTAT FOR FAN COILS

DIAMOND new line

TFZ01M

Design and Made in ITALY

The configurable digital thermostat for fan coils is suitable for driving actuators 0 ... 10 V, as well as replicating the functionality of the TFF01M. The fan motor is driven either via 3 relays or proportionally via a 0 ... 10 V signal.

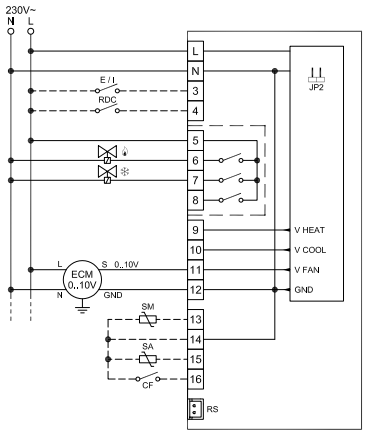
Technical Features

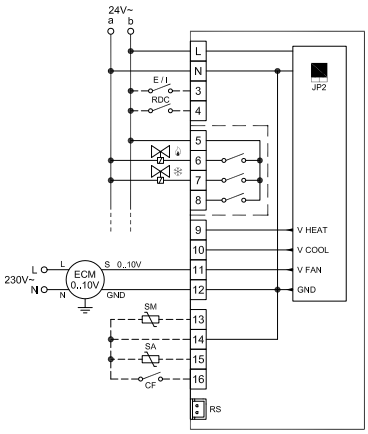
Power supply	230 Vac -15/+10% 50 Hz or 230 Vac ±10% 60 Hz or 24 Vac -15/+10% 50/60 Hz
Working range	Adjustable: 5 . 35 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Proportional outputs	0 . 10 Vdc
Speed control	Automatic/manual
Differential	0.2 . 1,0 °C
LCD display	Multifunction
Dimensions (HxWxD)	87x132x23.6 mm
IP Rating	IP30
Class Reg.2013/811/EU	V=3.0%

Accessories

STLD01
Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)

JP2	230/24 Vac selection
V Heat	0 . 10 V Heating signal output
V Cool	0 . 10 V Cooling signal output
V Fan	0 . 10 V Fan signal output
Heat	Heating valve outlet
Cool	Cooling valve outlet
E/I	Remote input to activate centralised 'Heating/Cooling' function
RDC	Remote input to activate 'Economy' function
M	AC fan motor 3 speeds
ECH	Fan motor 0 ... 10 V
Sc	Servocontrol 0 ... 10 V
S.M.	Supply water sensor
S.A.	Room sensor
CF	Remote input to activate 'Window Contact' function





ELECTRONIC THERMOSTAT FOR FAN COILS

DIAMOND new line

TFD01M

Design and Made in ITALY

The electronic fan coil thermostat is equipped with a cooling/off/heating switch and a selector switch for the three motor speeds. It can be controlled by the thermostat or always on, and is set up for an external temperature probe and to connect a bimetal thermostat for the 'cutoff thermostat' function.

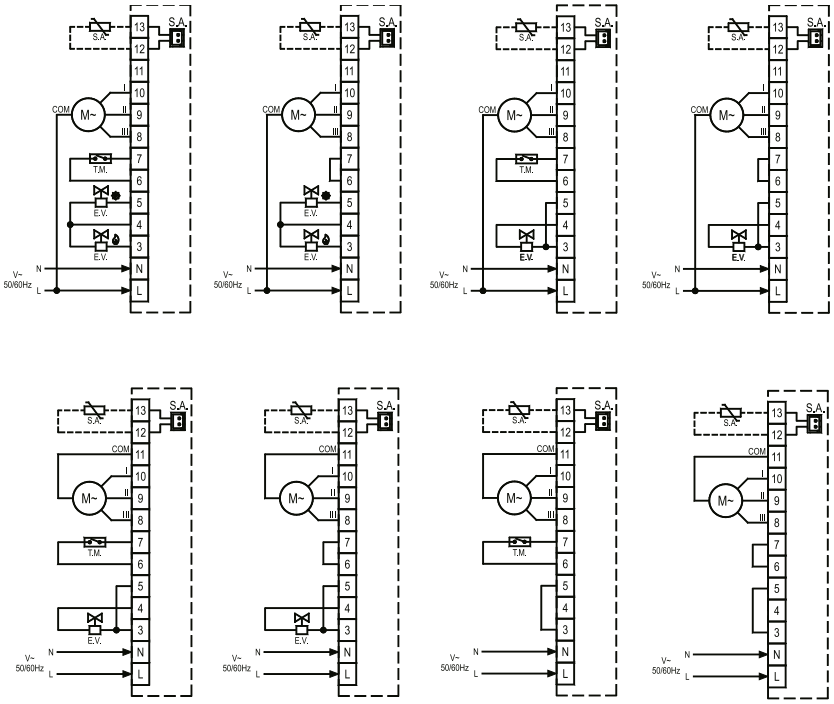
Technical Features

Power supply	230 Vac -15/+10% 50/60 Hz
Working range	5 . 35 °C
Differential	< 0.5 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Output (relay)	5(1) A 250 Vac SPDT
Slide switch 1	3 speeds
Slide switch 2	Heating/Off/Cooling
Dimensions (HxWxD)	87x132x37 mm
IP Rating	IP20
Class Reg.2013/811/EU I=1.0%	

Accessories

STLD01

Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)



Note: A jumper is provided on the circuit board to select internal or external sensor mode operation.

ELECTRONIC THERMOSTAT FOR FAN COILS

DIAMOND new line

TFM01M

Design and Made in ITALY

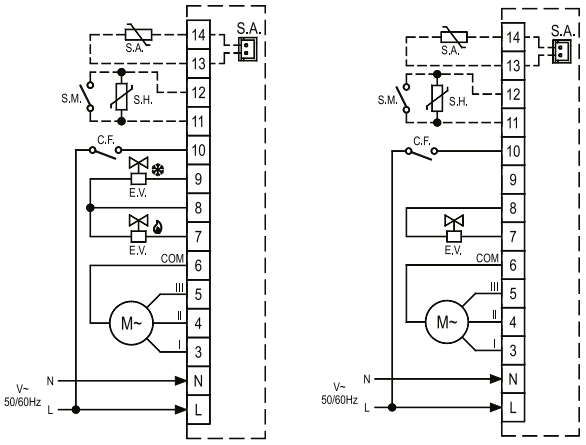
The electronic fan coil thermostat is equipped with a cooling/ off/heating selector switch and a selector switch for manual or automatic control of the three motor speeds. It is possible to configure the device for two- or four-pipe operation and to activate the anti-stratification function. In addition, the thermostat can operate with an internal sensor, remote sensor or “cutoff thermostat”, as well as the possibility of connecting a window contact.

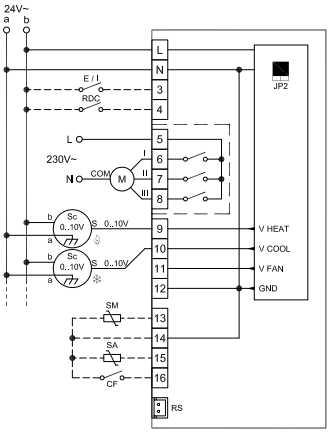
Technical Features

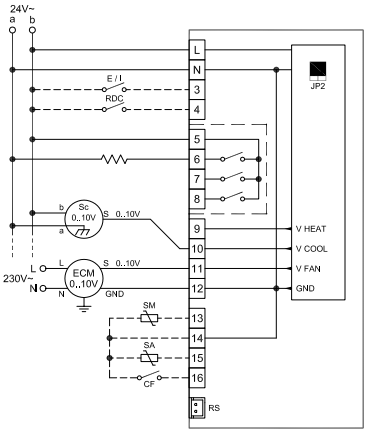
Power supply	230 Vac -15/+10% 50/60 Hz
Working range	5 . 35 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Differential	< 0.5 °C
Slide switch 1	I / II / III / auto
Slide switch 2	Winter/Off/Summer
Output (relay)	3(1) A 250 Vac SPDT
Dimensions (HxWxD)	87x132x37 mm
IP Rating	IP30
Class Reg.2013/811/EU	V=3.0%

Accessories

STLD01
Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)




24V~
a
b
L
N
3
4
E / I
RDC
JP2
5
6
7
8
230V~
COM
M
I
II
III
Sc
0..10V
S 0..10V
9
10
11
12
V HEAT
V COOL
V FAN
GND
SM
13
14
SA
15
CF
16
RS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12
V HEAT
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V FAN
GND
230V~
ECM
0..10V
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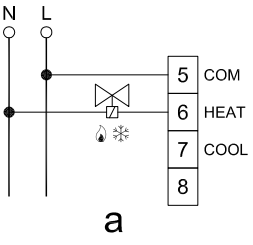
SA
15
CF
16
RS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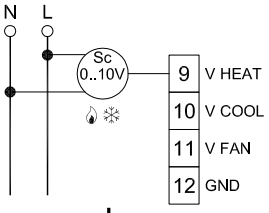
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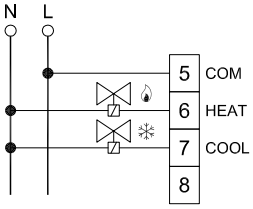
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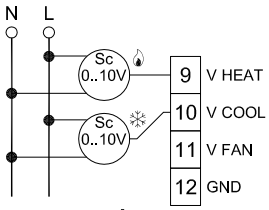
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Sc
0..10V
Sc
0..10V
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V HEAT
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V COOL
11
V FAN
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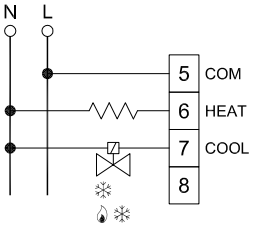
GND

d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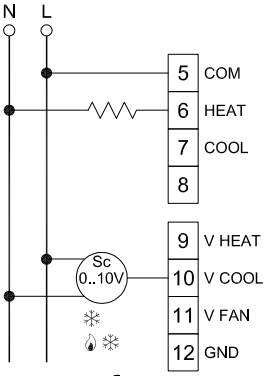
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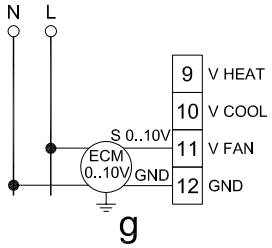
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V COOL
S 0..10V
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0..10V
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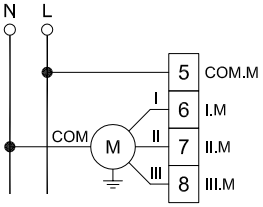
GND

g


N
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II
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II.M
III
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III.M

h

ANALOGUE THERMOSTAT FOR FAN COIL 230 Vac or 24 Vac

DIAMOND new line

TFA01M

Design and Made in ITALY

The analogue fan coil controller with output 0 . 10 Vdc is suitable for proportional control of fans with EC motor. In addition to the combined sensor (internal or external), it includes the four-position fan speed selector. Motor and valve operation can be set via internal jumpers.

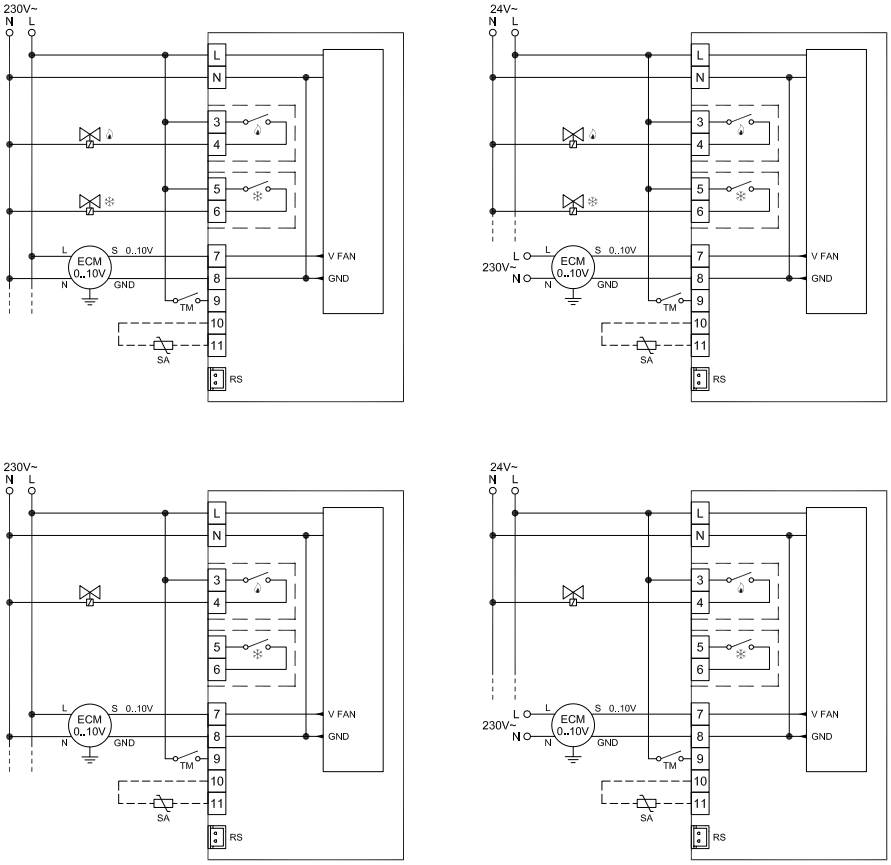
Technical Features

Power supply	230 Vac -15/+10% 50/60 Hz
	24 Vac -15/+10% 50/60 Hz
Working range	5 . 35 °C
Differential	<0.5 °C
Internal sensor	NTC (10 kOhm @ 25 °C)
Output (relay)	5(1) A 250 Vac SPDT
Slide switch 1	4 speeds
Slide switch 2	Winter/Off/Summer
Dimensions (HxWxD)	87x132x37 mm
IP Rating	IP20
Class Reg.2013/811/EU	V=3.0%

Accessories

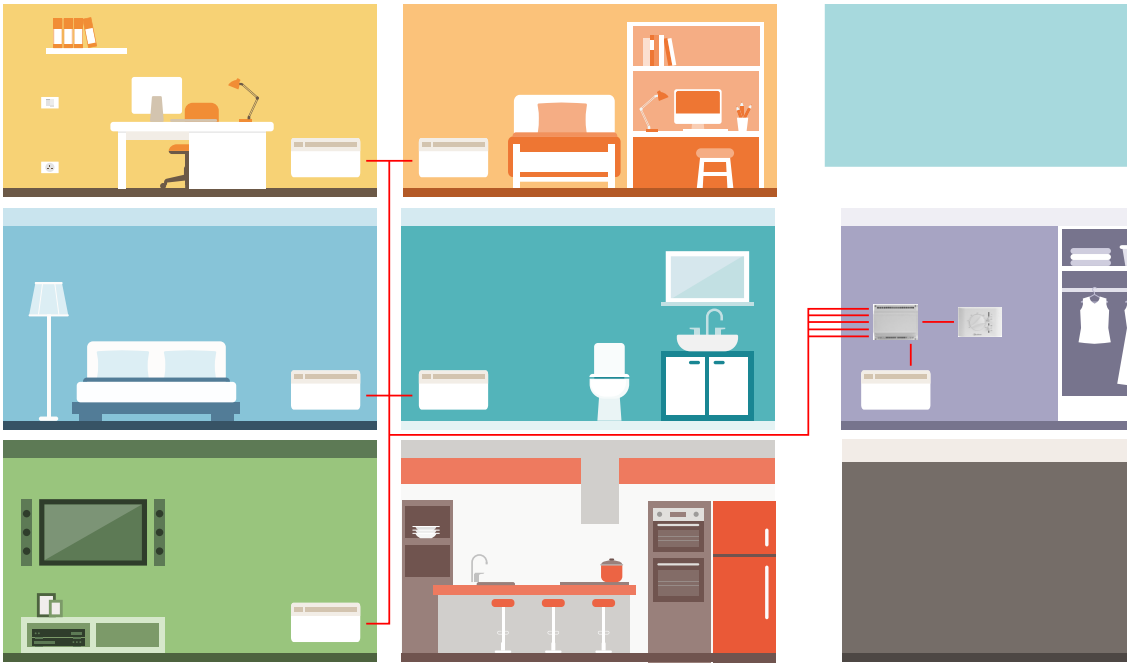
STLD01

Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)



POWER INTERFACE

This device performs the very useful function of controlling up to 4 fan coils in parallel, starting from a single thermostat, e.g. a TFD01M. The device has all the necessary power relays on board. The most common application is in open plan environments.



POWER INTERFACE FOR FAN COILS

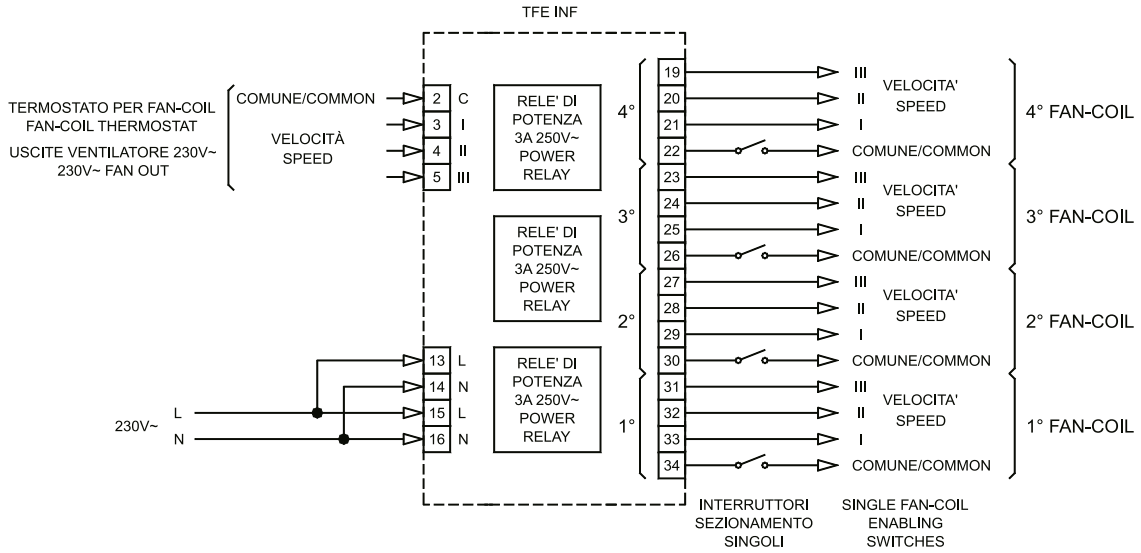
TFEINF

Design and Made in ITALY

The power interface allows a single thermostat to control up to 4 fan-coils. It is suitable for DIN-rail mounting, thanks to its 6-module case.

Technical Features

Power supply	230 Vac -15/+10% 50 Hz
Contact rating (x cod.)	4 x 3 A 250 Vac SPDT
IP Rating	IP30
Dimensions (HxWxD)	90x105x70 mm



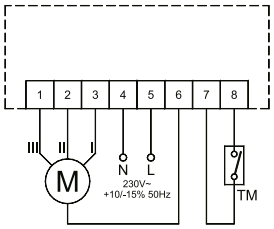
FAN COIL SWITCH
IFMEI1M

Design and Made in ITALY

Remote control for fan-coil with three-speed slide switch and Heating/ Off/Cooling switch.

Technical Features

Power supply	230 Vac -15/+10% 50 Hz
Contact rating	5 A 250 Vac
Slide switch	3 speeds
Slide switch	Heating/Off/Cooling
IP Rating	IP30
Dimensions (HxWxD)	80x79x37 mm



COMPARATIVE TABLE

Code	Smart Manage-ment (Wi-Fi)	Modbus® RS485	Power supply	Display	Selection 3 speeds	Summer Winter	Function Chronos	Fan type	Type Valves	Functions Specials (*)
Smart Diamond GFW01XZ	Yes	Yes	230 V~	Yes	Cars Manual	Manual Cars Centralised (also from the App)	Manual Unset	3-speed AC EC 0 .. 10 V	ON/OFF (2) 0 to 10 V (2)	Yes
TFZ01M	No	No	230 V/24V~	Yes	Cars Manual	Manual Cars Centralised	Manual Unset	3-speed AC EC 0 .. 10 V	ON/OFF (2) 0 to 10 V (2)	Yes
TFF01M	No	No	230 V/24V~	Yes	Cars Manual	Manual Cars Centralised	Manual Unset	3-speed AC	ON/OFF (2) 3-point PWM	Yes
TFD01M	No	No	230 V~	No	Manual	Manual	Manual	3-speed AC	ON/OFF (2)	No
TFM01M	No	No	230 V/24V~	No	Cars Manual	Manual	No	3-speed AC	ON/OFF (2)	No
TFA01M	No	No	230 V/24V~	No	Manual	Manual	Manual	3-speed AC EC 0 .. 10 V	ON/OFF (2)	No

(*) Examples of special functions available are:

- *management of underfloor heating systems with fan coils for cooling*
- *management of systems with resistance*
- *window contact management*
- *summer/winter switching management*
- *comfort/economy switching management*

Seitron programmable thermostats are designed to provide precise, customized climate control, ensuring optimal comfort and energy savings. Programming is straightforward, thanks to a simple and intuitive interface.

The ability to program time slots—in addition to comfort and economy temperature settings—allows heating and cooling systems to adapt to each user's habits, improving efficiency while reducing emissions and energy costs.

Wireless Thermostats

WEEKLY AND DAILY WIRELESS PROGRAMMABLE THERMOSTAT

FREETIME EVO RADIO

DCD02B2

Design and Made in ITALY

This wireless version of Freetime Evo provides all the functionality and ease of use of our best seller, even in environments where wired connections are not possible.

Technical Features

Power supply	2 x 1.5 V AA
Battery life (years)	>3 years
Internal sensor	NTC 10 kOhm @ 25 °C
Type of Regulation	On-Off or TPI
Settable temperatures	3 (comfort-economy-antifreeze)
Adjustable range	5 . 40 °C
Adjustable antifreeze	0.5 °C ... 25.0 °C
Adjustable offset	-10.0 °C ... +10.0 °C
Max. distance from receiver	50 m
Transmission frequency	868.150 MHz
Antenna type	Internal
IP Rating	IP30
Dimensions (HxWxD)	86x134x36 mm
Class Reg.2013/811/EU	IV=2.0%

KCR007 - Kit with pre-paired radio receiver (DRR01M)

Accessories

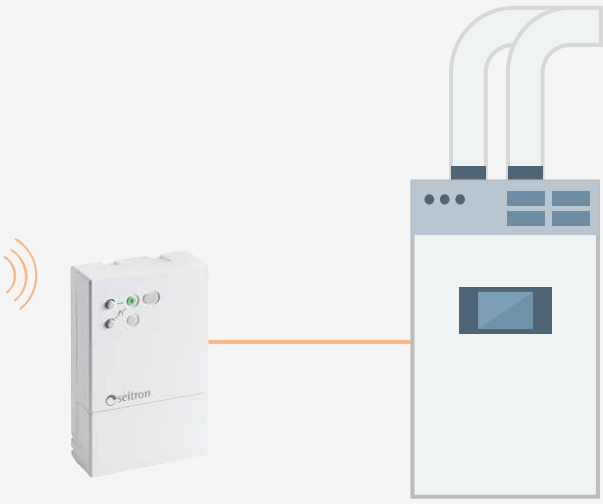
STAD01
Room termperature probe

STLD01
Remote probe

(*) the product does not include the clamp for the remote probe

Single-zone radio system

Radio Thermostat
(DCD02B2)



Radio Receiver
(DRR01M)

DIGITAL WIRELESS THERMOSTAT
Monodirectional
TRD02B

Design and Made in ITALY

The one-way wireless thermostat offers the possibility to set three temperature levels and heating/cooling mode.
It also has several configurable parameters (offset, hysteresis, Min-Max setpoint, etc.), as well as provision for a remote sensor.

batteries included

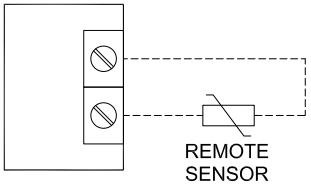
Technical Features

Power supply	2 x 1.5 V AA
Working range	5 . 35 °C configurable
Transmission frequency	868.150 MHz
Internal/external sensor (optional)	NTC (4K7 @ 25 °C)
Settable temperatures	3 (comfort-economy-antifreeze)
Max. distance from receiver	>50 m (inside average buildings)
Data transmission frequency	3 min/10 min
Antenna type	Internal
IP Rating	IP30
Dimensions (HxWxD)	85x85x23.6 mm
Class Reg.2013/811/EU	IV = 2.0%

KTR005 - Kit with pre-paired radio receiver (DRR01M)

Accessories

STANP3
Room temperature probe



WIRELESS THERMOSTAT
DTPF85BC
DTPF85BCT (Tamperproof)

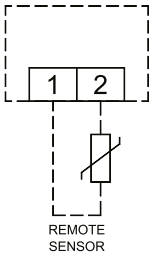
Design and Made in ITALY

The one-way wireless thermostat allows you to control the temperature in home or office environments in combination with the corresponding receiver systems. The device features a remote sensor input, mechanical lock for scale limitation on the knob (DTPF85BCT), heating/cooling mode internally or manageable on the receiver.

batteries included

Technical Features

Power supply	2 x 1.5 V AAA
Working range	6 . 30 °C
Transmission frequency	868.150 MHz
Internal sensor	NTC (100 kOhm @ 25 °C)
Red LED indication	Low battery
Max. distance from receiver	50 m (inside average buildings)
Data transmission time	3 min/10 min
Antenna type	Internal
IP Rating	IP30
Dimensions (HxWxD)	85x85x28.5 mm
Class Reg.2013/811/EU	IV = 2.0%



Accessories

STAOP3
Room probe

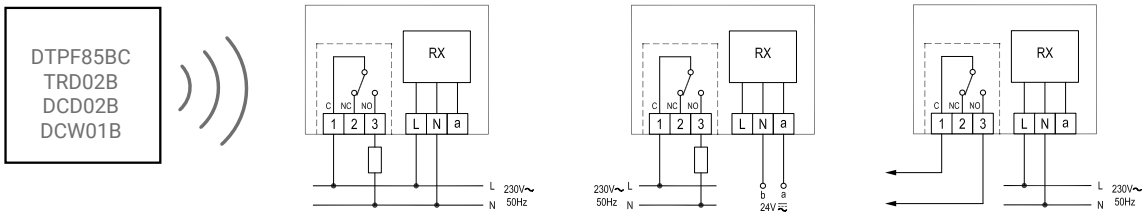
1-CHANNEL RECEIVER OUTPUT
DRR01M

Design and Made in ITALY

The 1-channel monodirectional radio receiver has an integrated antenna and an SPDT relay output, which can pilot an actuator or circulation pump or directly a boiler.
It is a good solution for all buildings where it is not convenient to run cables from the thermostats to the heating plant.

Technical Features

Power supply	24 V/230 Vac ±10% 50 Hz
Power absorption	11 VA
Output (relay)	6(4) A 250 Vac
Transmission frequency	868.150 MHz
Antenna type	Internal stylus
Two-colour LED indicator	Active relay/transmission quality
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm
Class Reg.2013/811/EU	IV=2.0%



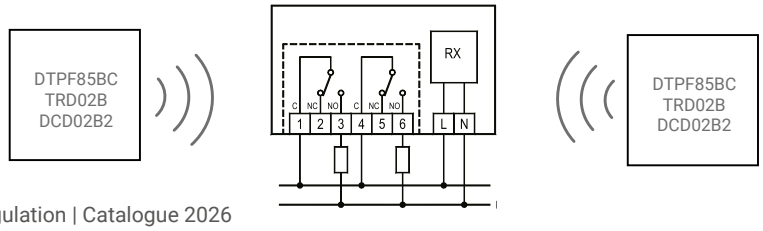
2-CHANNEL RECEIVER OUTPUT
DRR02M

Design and Made in ITALY

The 2-channel monodirectional radio receiver offers the same functionality as the DRR01M, but is capable of communicating with two thermostats at the same time, thus allowing two-zone systems to be managed. It also has a hot/cold function in sequence with a neutral zone, which can be selected with an internal jumper.

Technical Specifications

Power supply	24 V/230 Vac ±10% 50 Hz
Power absorption	11 VA
Output (relay)	2x6(4) A 250 Vac
Transmission frequency	868.150 MHz
Antenna type	Internal stylus
Two-colour LED indicator	Active relay/transmission quality
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm
Class Reg.2013/811/EU	IV=2.0%



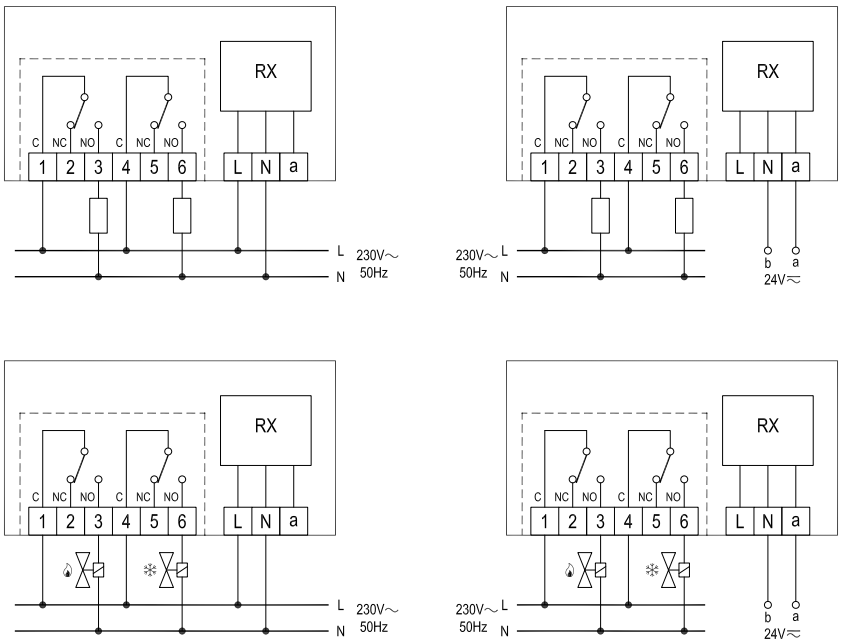
2-CHANNEL RADIO RECEIVER
HOME AUTOMATION SYSTEMS
DRR42M

Design and Made in ITALY

The 2-channel monodirectional radio receiver is equipped with two SPDT relay outputs. It is capable of receiving commands from the Modbus® transceiver antenna (DA0421), allowing up to 32 receivers to be connected together.

Technical Features

Power supply	24 V/230 Vac ±10% 50 Hz
Power absorption	11 VA
Output (relay)	2x6(4) A 250 Vac
Transmission frequency	868.150 MHz
Antenna type	Internal stylus
Two-colour LED indicator	Active relay/transmission quality
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm
Class Reg.2013/811/EU	IV=2.0%



ACTIVE ANTENNA FOR DLP MODULES
DA0411

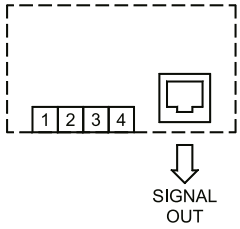
Design and Made in ITALY

The active receiver antenna with 868.150 MHz radio protocol communicates with the DLP relay modules and is supplied complete with a 5 m cable.
The antenna can also be used as:
- Repeater: radio commands received by one or more wireless devices are retransmitted, reaching more distant areas.
- Home automation receiver: connected to a PC or home automation control unit (via Modbus® RTU communication via RS485), it is possible to have all commands from radio thermostats received by the home automation control unit.

In the event that the device is used as a repeater or receiver, i.e. not connected to a DLP module, a 12 Vdc external power supply will be required.

Technical Features

Power supply	6 . 14 Vdc (from data cable or terminals)
Power absorption	80 mA max
Transmission frequency	868.150 MHz
Antenna type	internal stylus
Two-colour LED indicator	Active relay/ transmission quality
IP Rating	IP30
Dimensions (HxWxD)	85x85x31 mm



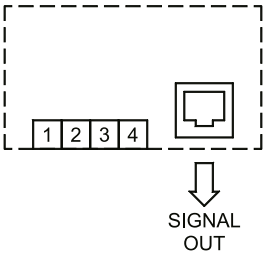
TRANSCEIVER ANTENNA FOR HOME AUTOMATION SYSTEMS
DA0421

Design and Made in ITALY

The transceiver antenna for home automation systems allows commands from radio thermostats to be received by the home automation control unit via Modbus® RTU communication via RS485. Unlike the monodirectional receiving antennas (DA0411 and DA0421), it can also transmit actuation inputs to one or more DRR42M receivers, whose output relays can directly control the actuators, solenoid valves, automatic shutters, fans, etc.
Up to 32 DRR42M receivers can be connected to the DA0421 antenna.

Technical Features

Power supply	6 . 14 Vdc (from data cable or terminals)
Power absorption	80 mA max
Transmission frequency	868.150 MHz
Antenna type	internal stylus
Two-colour LED indicator	Active relay/ transmission quality
IP Rating	IP30
Dimensions (HxWxD)	85x85x31 mm



Relay modules are devices for controlling loads (electro-thermal valves or circulators) on radio-controlled heating/cooling systems in homes or offices.
Systems operated with relay modules are a good solution for buildings where it is impossible or not convenient to wire the connection between the thermostats and the central heating unit, moreover it enables high flexibility in positioning thermostats in the room.

Features of the DLP module
The Seitron range has relay modules with 2, 4 or 8 independent channels, each of which can be linked with a wireless thermostat or programmable thermostat. Each module has an auxiliary relay to control the circulation pump or boiler, as well as a heating/cooling and global standby input. The self-learning function of the thermostat address simplifies system configuration and testing. The modules are capable of driving both normally closed and normally open actuators. The LEDs on the front panel of the DLP module indicate the presence of power, the status of the actuator outputs and the status of the auxiliary output, as well as the quality of the radio link with the relevant transmitter. Different types of relay modules are available, which can drive actuators in 230 Vac and possibly in 24 Vac (DLP8412).
It is possible to create a multi-channel system by cascading several modules, using a single antenna:
- 10-zone system by cascading the DLP241M module (2 channels) and DLP841M module (8 channels)
- System up to 80 zones by cascading up to 10 DLP841M modules (8 channels)

Operation
Each thermostat periodically transmits a signal via radio to the DA0411 active antenna, which sends the information via wire to the connected DLP module. The DLP module activates or deactivates the output relay, which controls the actuator associated with the thermostat. The auxiliary relay is activated when at least one of the actuator outputs is active; it can be used to drive the pump or boiler.

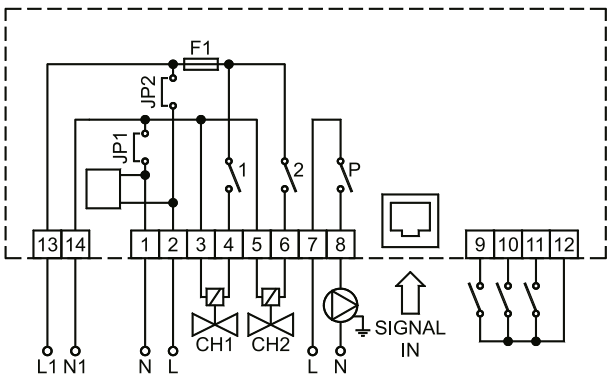
2-CHANNEL RELAY MODULE
WITH 230 Vac PUMP OUTPUT
DLP241M

Design and Made in ITALY

2-channel relay module for heating/cooling systems.

Technical Features

Power supply	230 Vac -15% + 10% 50 Hz
Power absorption	3 W
Relay rating	2x3 A 250 Vac cosφ =1
Maximum total load current	6 A
IP Rating	IP30
Dimensions (HxWxD)	100x130x60 mm
Class Reg.2013/811/EU	IV=2.0%



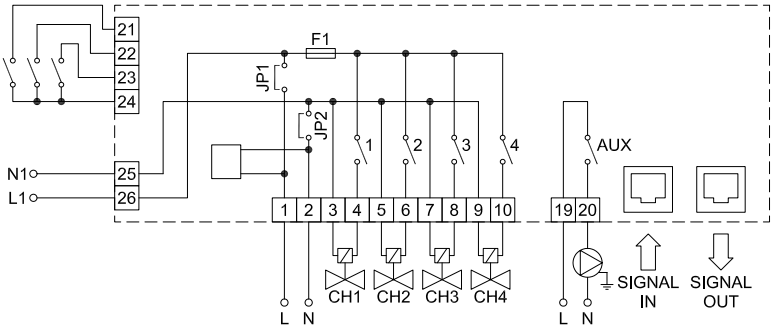
4-CHANNEL RELAY MODULE
WITH 230 Vac PUMP OUTPUT
DLP441M

Design and Made in ITALY

4-channel relay module for heating/cooling systems.

Technical Features

Power supply	230 Vac -15% + 10% 50 Hz
Power absorption	4 W
Relay rating	4x3 A 250 Vac cosφ=1
Maximum total load current	8 A
Circulator relay rating	3 A 250 Vac cosφ=1 SPST
IP Rating	IP30
Dimensions (HxWxD)	100x245x60 mm
Class Reg.2013/811/EU	IV=2.0%



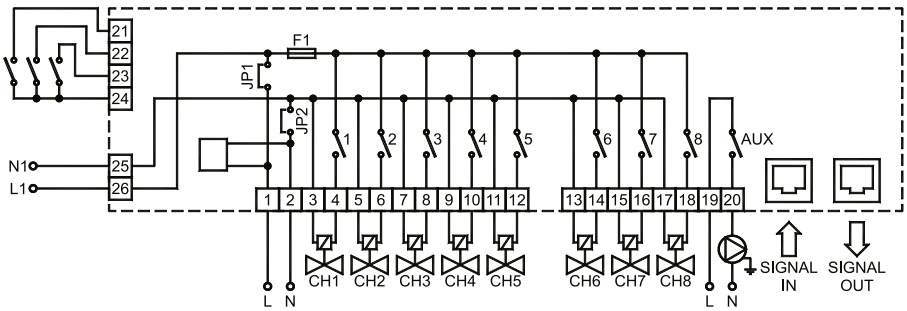
8-CHANNEL RELAY MODULE
WITH 230 Vac PUMP OUTPUT
DLP841M

Design and Made in ITALY

8-channel relay module for heating/cooling systems.

Technical Features

Power supply	230 Vac -15% + 10% 50 Hz
Power absorption	4 W
Relay rating	8x3 A 250 Vac cosφ=1
Maximum total load current	8 A
Circulator relay rating	3 A 250 Vac cosφ=1 SPST
IP Rat	IP30
Dimensions (HxWxD)	100x245x60 mm
Class Reg.2013/811/EU	IV=2.0%



8-CHANNEL 24 V MODULE

WITH PUMP OUTLET AND BOILER OUTLET

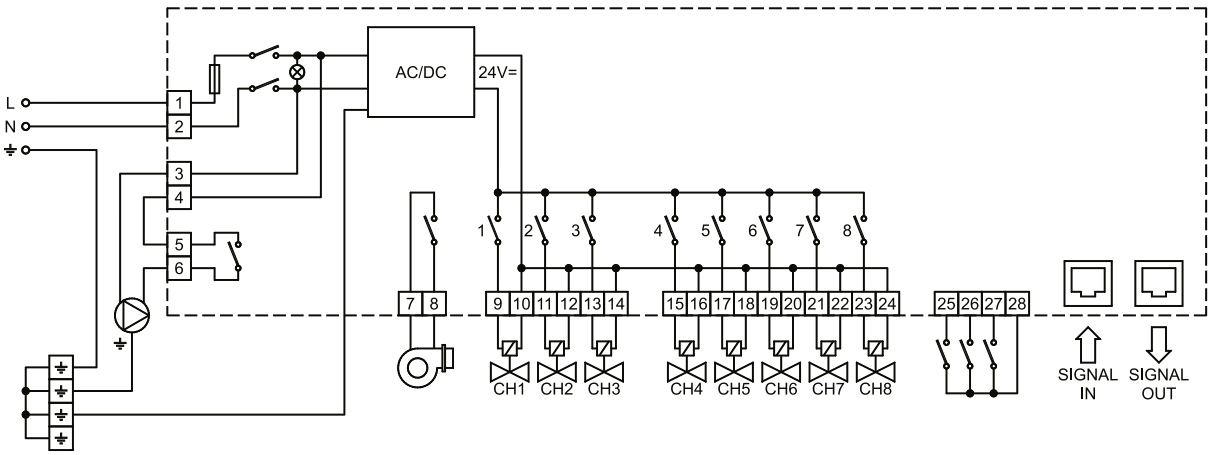
DLP8412

Design and Made in ITALY

8-channel module for 24 V low voltage heating/cooling systems.
it is equipped with a high-efficiency AC/DC power supply to directly supply electrothermic actuators at 24 V.
The module can drive a maximum of 14 24 V electrothermic actuators at 4 W (power absorption at switch-on).
The 8 outputs are protected against overload and short-circuit; in the event of a problem, this is signalled on the output LED. It has two auxiliary relay outputs for separate pump and boiler control; a 230 V pump can be wired directly.

Technical Features

Power supply	90 ... 264 Vac 47 ... 63 Hz
Power absorption	2 W (with DA041 connected)
Pump and boiler relay rating	5 A 250 Vac cosφ=1
Output rating actuator	8x3 A 24 V=
Max. total power output actuator	63 W
Max. number of connectable actuators	14 (4 W startup)
IP Rating	IP44
Dimensions (HxWxD)	125x320x67 mm
Class Reg.2013/811/EU	IV=2.0%

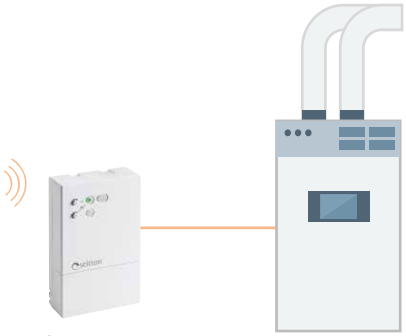


Examples of wireless configurations

1-zone system with wireless thermostat or programmable thermostat

Wireless Programmable Thermostat (DCD02B)

Wireless LCD Thermostat (TRD02B)



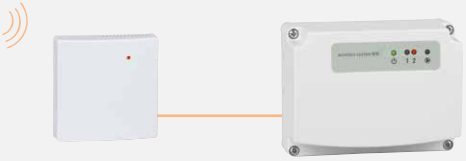
Wireless Receiver (DRR01M or DRR02M)

2-zones system with wireless thermostat or programmable thermostat - day/night

Wireless Programmable Thermostat (DCD02B)

Wireless Thermostat (DTPF85BC)

Wireless LCD Thermostat (TRD02B)



Active antenna (DA0411)

2-channel relay module + pump (DLP241M)

Multi-zone system with wireless thermostat or programmable thermostat from 8 to 80 zones

DTPF85BC
TRD02B
DCD02B2
UP TO 80 THERMOSTATS

Active antenna (DA0411)

8.channel relay module + pump (DLP841M)

UP TO 10 MODULES
(with only one DA0411 antenna)

Monodirectional Wireless system manged by a PLC

Seitron wireless home automation products are an effective solution for equipping buildings with a BMS control system (Building Management System) for the regulation of heating and cooling systems, even when proper electrical connections haven't been made.

The system can be mede up with the following Seitron products:

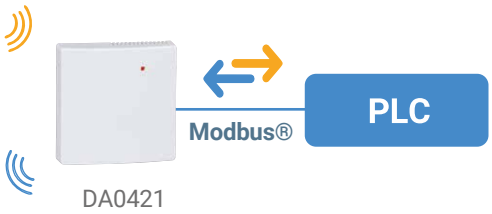
- a DA0421 receiver-transmitter
- one or more DTPF85BCT wireless temperature sensors
- one or more DRR42M wireless receiver actuators

In order to manage this system, it is necessary to have a PLC with a serial port with Modbus® RTU protocol.

The PLC acts as the system master, making it possible to manage the thermoregulation of several rooms from a single location without the need for dedicated electrical connections.

TEMPERPROOF THERMOSTATS

.. up to **50 units**
for each DA0421



2-CHANNEL WIRELESS RECEIVERS

... up to **32 units**
(64 relay outputs) for each DA0421

Installation example with 6 wireless thermostats, a DA0411 antenna and a DLP8412 relay module.

DIGITAL RADIO THERMOSTAT
Bidirectional
TRD03B

The bidirectional wireless thermostat offers the possibility of setting three temperature levels and heating/cooling mode. It also has several configurable parameters (offset, hysteresis, Min-Max setpoint, etc.), as well as provision for a remote sensor.
In combination with the DA0311 gateway, operating modes, set-point temperatures and heating/cooling mode can be managed remotely.

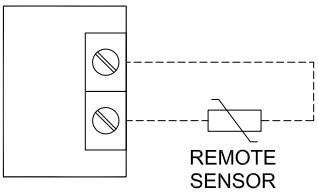
batteries included

Technical Features

Power supply	2 x 1.5 V AA
Working range	5 . 35 °C configurable
Transmission frequency	868.450 MHz
Internal/external sensor (optional)	NTC (10K @ 25 °C)
Max. distance from receiver	50 m (x average buildings)
Data transmission time	1 . 10 min (configurable)
Antenna type	Internal
IP Rating	IP30
Dimensions (HxWxD)	85x85x23.6 mm
Class Reg.2013/811/EU	IV=2.0%

Accessories

STAD01
Room probe

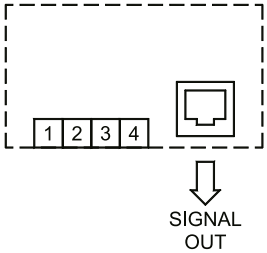


TRANSCEIVER ANTENNA FOR HOME AUTOMATION SYSTEMS
DA0311

The transceiver antenna for home automation systems, equipped with bidirectional wireless technology, allows interfacing between 868 MHz radio commands and serial port commands with Modbus® protocol.
Connected to a PC or a home automation control unit, it allows the home automation control unit to communicate with one or more TRD03B radio thermostats, making remote control of each radio thermostat possible. A maximum of 50 thermostats can be managed by a DA0311.

Technical Features

Power supply	6 . 14 Vdc
Power absorption	80 mA max
Transmission frequency	868.450 MHz
Antenna type	internal stylus
IP Rating	IP3X
Dimensions (HxWxD)	125x78x30.5 mm



Bidirectional wireless system managed by a BMS/PLC

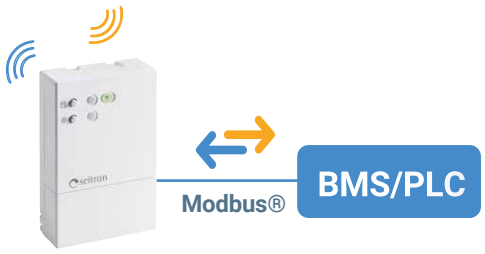
Seitron wireless home automation products are an effective solution for equipping buildings with a BMS control system (Building Management System) for managing heating and cooling systems, even in the absence of the necessary electrical connections.

The system can be composed of the following Seitron products:

- one or more thermostats/ wireless bidirectional probes TRD03B
- an antenna/gateway 868MHz <> bidirectional Modbus DA0311

The design of this system allows up to 50 TRD03B thermostats to be associated with a single antenna/gateway DA0311.

This system enables the complete control and management of an assembly of temperature control devices, via a PLC equipped with a serial port with Modbus® RTU protocol.



DA0311

freetime evo

Thermostats are essential for managing indoor temperatures, contributing to home comfort and energy efficiency.

Seitron's digital and electronic thermostats enable simple and precise climate control.

As underfloor heating gains popularity in residential homes, it combines a perfect balance of use, thermal comfort of the environment and energy efficiency.

Seitron has developed specific solutions for precise multi-zone regulation of underfloor heating systems.

Thermostats
Wiring Boxes

BATTERY POWERED DIGITAL THERMOSTAT

TADDY

TAD02B - TAD02M (230 Vac) - TAD022 (24 Vac)

Design and Made in ITALY

Taddy is equipped with a large backlit display for the visualisation of all functional indications and the detected room temperature. The device can be used in both heating and cooling systems. There are 3 control modes with corresponding setpoint temperatures: Comfort, Economy, Off/Antifreeze.

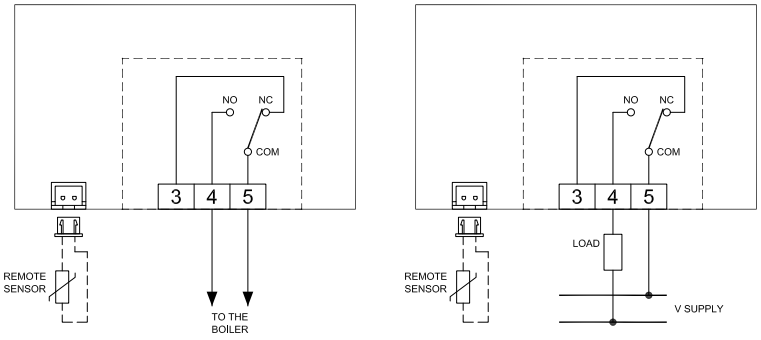
Technical Features

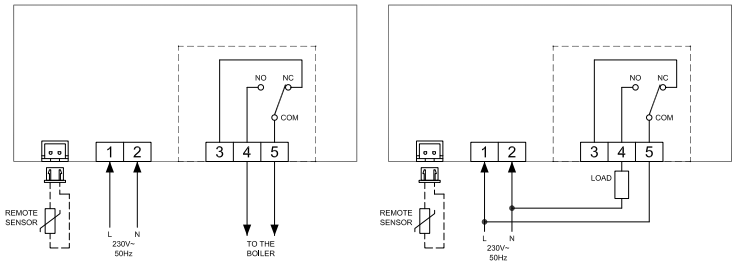
Power supply	TAD02B: 2 x 1.5 V AAA
	TAD02M: 230 Vac -15/+10% 50 Hz
	TAD022: 24 Vac -15/+10% 50 Hz
Setting range	Comfort: 5 °C ... 40 °C
	Economy: 5 °C ... 40 °C
Sensor type	NTC 10 KOhm ±1% @ 25 °C
Differential	0.0 °C ... 5.0 °C (Default 0.2 °C)
Antifreeze	Off / 0.0 °C ... 25.0 °C (Default 3.0 °C)
Offset internal sensor	± 9.9 °C (Default 0.0 °C)
Contact rating	5(1) A 250 Vac SPDT, voltage-free.
Dimensions (HxWxD)	85x85x24.6 mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%

Accessories

STAD01
Room temperature probe

STLD01
Remote probe





ELECTRONIC ROOM THERMOSTAT

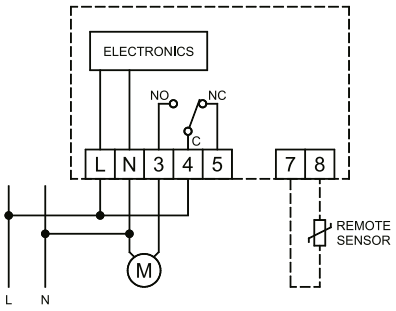
TAS04M (230 Vac) - TAS042 (24 Vac)
TAS04MT (230 Vac Tamperproof)
TAS042T (24 Vac Tamperproof)

Design and Made in ITALY

On/off room thermostat for heating systems. Special pin stop system to limit the setpoint range. Internal sensor and provision for remote sensor. Temperature offset adjustment via internal trimmer.

Technical Features

Power supply	TAS04M: 230 Vac -15/+10% 50 Hz
	TAS042: 24 Vac -15/+10% 50 Hz
Working range	6 . 30 °C
Power absorption	7 VA max.
Differential	0.5 °C
Sensor	NTC (4K7 Ohm @ 25 °C)
Output (relay)	1x5(1) A 250 Vac SPDT
Red LED indicator	Relay active
Dimensions (HxWxD)	85x85x31mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



Accessories

STANP3
Room temperature probe

STLNTSA150
Remote probe

ELECTRONIC ROOM THERMOSTAT WITH NIGHT SETBACK

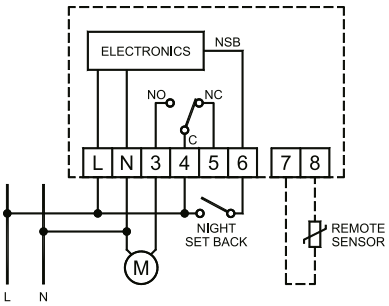
TAS05M (230 Vac) - TAS052 (24 Vac)
TAS05MT (230 Vac Tamperproof)
TAS052T (24 Vac Tamperproof)

Design and Made in ITALY

On/off room thermostat for heating systems with adjustable night setback. Special pin stop system to limit setpoint range. Internal sensor and provision for remote sensor. Temperature offset adjustment via internal trimmer.

Technical Features

Power supply	(TAS05M) 230 Vac -15/+10% 50 Hz
	(TAS052) 24 Vac -15/+10% 50 Hz
Working range	6 . 30 °C
Night set-back range	2 °C ... 7 °C (Default 4.5 °C)
Power absorption	7 VA max.
Differential	0.5 °C
Sensor	NTC (4K7 Ohm @ 25 °C)
Output (relay)	1x5(1) A 250 Vac SPDT
Red LED indicator	Relay active
Dimensions (HxWxD)	85x85x31 mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



Accessories

STANP3
Room temperature probe

STLNTSA150
Remote probe

DEADBAND THERMOSTAT

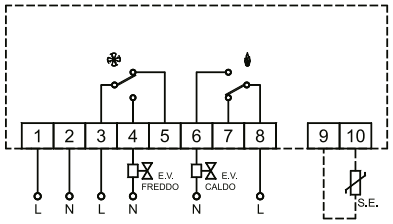
TAEZN4MC (230 Vac)
TAEZN42C (24 Vac)

Design and Made in ITALY

Adjustable deadband thermostat with dual heating/cooling output and automatic air-based changeover. Speciali pin stop system to limit the setpoint range. Internal sensor and provision for remote sensor.

Technical Features

Power supply	TAEZN4MC: 230 Vac -15/+10% 50 Hz TAEZN42C: 24 Vac -15/+10% 50 Hz
Working range	6 . 30 °C
Neutral zone	1 . 11 °C (adjustable)
Internal sensor	NTC (4K7 0hm @ 25 °C)
Differential	<0.5 °C
Output (relay)	2x5(1) A 250 Vac SPDT
Red LED indicator	Heating
Green LED indicator	Cooling
Dimensions (HxWxD)	85x85x31mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



Accessories

STANP3
Room temperature probe

STLNTSA150
Remote probe

ELECTRONIC HEATING/COOLING THERMOSTAT 230 V

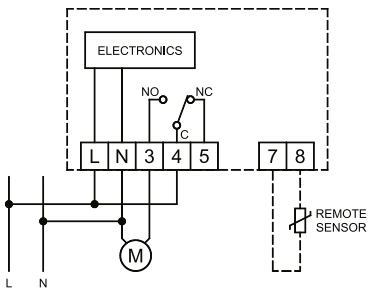
TAN01M

Design and Made in ITALY

On/off room thermostat for heating/cooling systems. Speciali pin stop system to limit the setpoint range. Internal sensor and provision for remote sensor.

Technical Features

Power supply	230 Vac -15/+10% 50 Hz
Working range	6 . 30 °C
Power absorption	7 VA max.
Differential	0.5 °C
Sensor	NTC (4K7 Ohm @ 25 °C)
Output (relay)	1x5(1) A @ 250 Vac SPDT
Red LED indicator	Relay active
Slide switch	off/heating/cooling
Dimensions (HxWxD)	85x85x31 mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



Accessories

STANP3
Room temperature probe

STLNTSA150
Remote probe

THERMOSTAT WITH INDICATOR LIGHT

TM001M

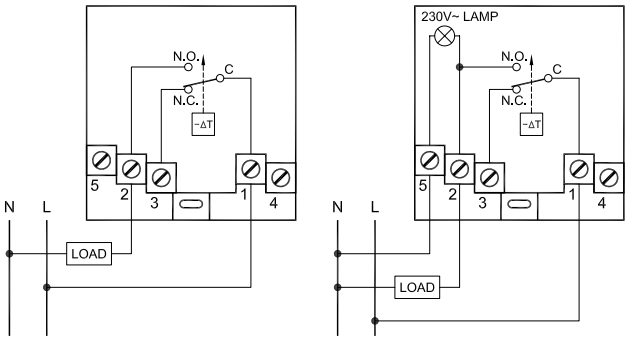
TM002M (with indicator light)

Design and Made in ITALY

Electromechanical room thermostat with gas filled bellow.
Indicator light (only for cod. TM002M). Speciali pin stop system to limit the setpoint range.

Technical Features

Working range	8 . 30 °C
Maximum voltage and current	16(2.5) A 250Vac
Sensor	Vapour pressure
Differential	<1 °C
Accuracy	+/- 4 °C
Contact rating	16 A 250 Vac SPDT
Dimensions (HxWxD)	85x85x31mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



ON/OFF THERMOSTAT

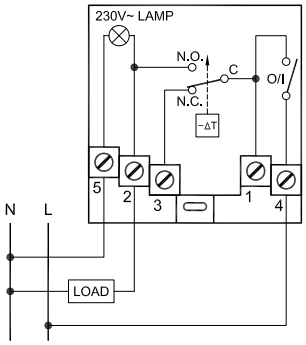
TM003M

Design and Made in ITALY

Electromechanical room thermostat with gas filled bellow. Indicator light. On/off switch. Speciali pin stop system to limit the setpoint range.

Technical Features

Working range	8 . 30 °C
Sensor	Gas expansion
Differential	<1 °C
Contact rating	10 A 250 Vac SPDT
Dimensions (HxWxD)	85x85x31mm
IP Rating	IP30
Class Reg.2013/811/EU	I=1.0%



FLOOR HEATING POWER AND WIRING UNITS

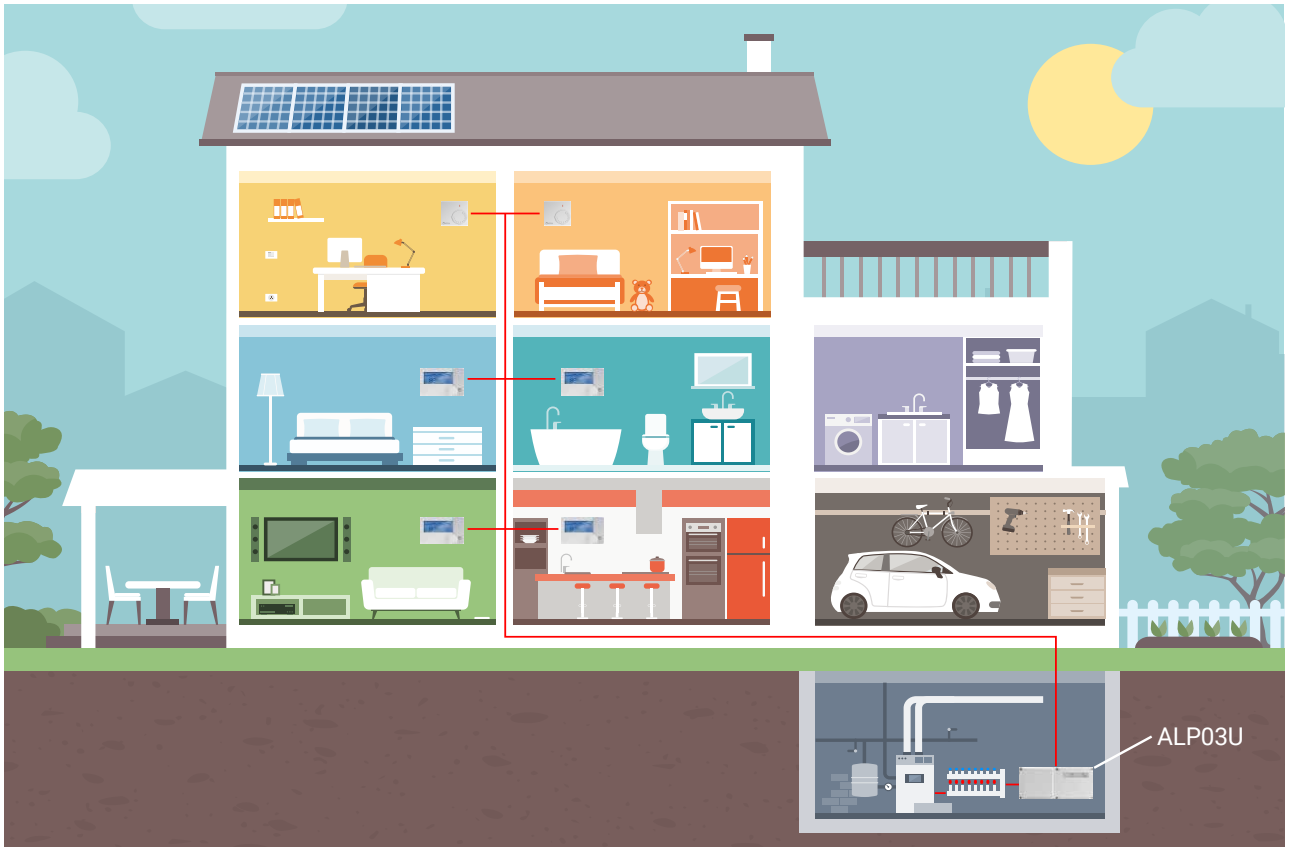
Over the last few years, the demanf for underfloor heating or UFH (Under Floor Heating) solution has been growing steadily throughout Europe. This growth is generated by a number of advantages over traditional solutions: better room comfort, improved cleanliness, better aesthetics, lower consumption, greater adaptability to condensing boilers and all renewable sources of low-temperature heat, and the possibility of cooling in summer. Throughout Northern Europe, UFH systems represent the most adopted solution for all new installations; their diffusion is also increasing in Italy. By its very nature, the underfloor system is structured in zones, as each individual room is fed by a dedicated circuit from a manifold equipped with On-Off valves.
Seitron has developed specific solutions for zone control of underfloor heating systems, offering wired and completely wireless products, communicating via radio (see the section dedicated to wireless systems).

WIRED SOLUTION

This solution is based on two product ranges:

- Electronic room thermostats: a complete range of reliable, competitive and high-performance devices with 230 Vac or 24 Vac power supply; and tamperproof functionality.

- Wiring Control Units: they make the supply power easier and help the connection between the thermostats an the actuators on/off valves. Available with 4, 6, 8 and 12 channels, with 230 V or 24 V power supply .



Installation example of ALP03U with 6 room thermostats inputs, 6 valves and a pump connected at the outlet.

6-CHANNEL WIRING BOX

CONNECTION SYSTEM FOR UNDER FLOOR HEATING

ALC006M (With 230 V/24 V transformer)

ALC006U (without transformer)

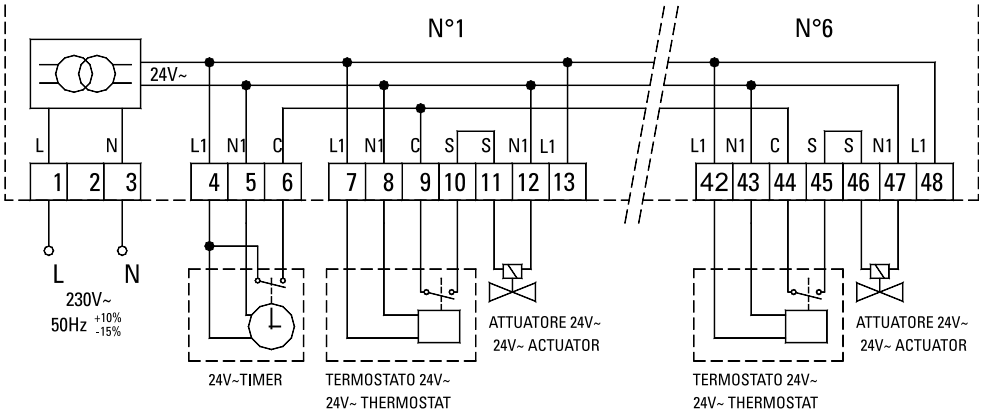
Design and Made in ITALY

6 output connection system for under floor heating systems, with 230 Vac/24 Vac transformer (ALC006M) or without transformer (ALC006U). 6 outputs available.

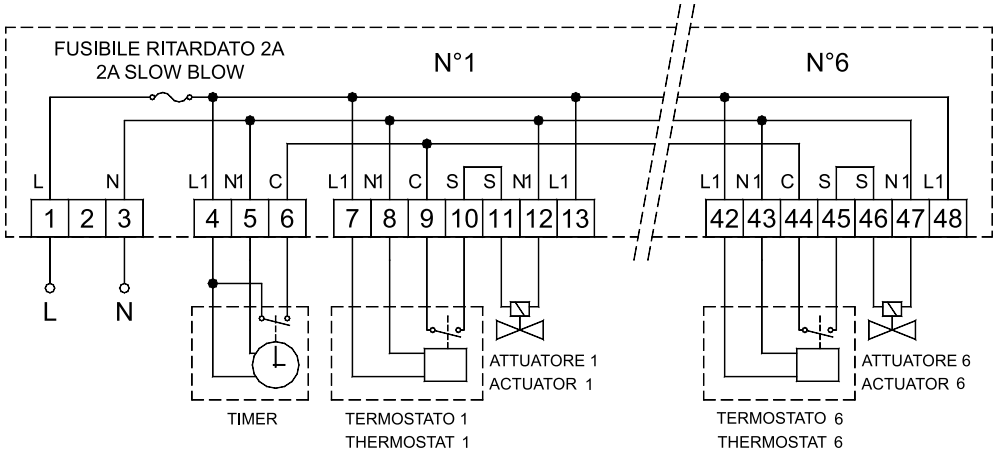
Technical Features

Power supply	ALC006M: 230 Vac ±10% 50 Hz
	ALC006U: Universal (24 ... 230 Vac)
Power absorption	ALC006M: 24 VA
Max. load	ALC006M: 1 A @ 24 Vac (Tot.)
	ALC006U: 2 A @ V supply (Tot.)
Dimensions (HxWxD)	100x245x60 mm
IP Rating	IP30

ALC006M



ALC006U



12-CHANNEL WIRING BOX

ALC012M (With 230 V / 24 V transformer)
ALC012U (without transformer)

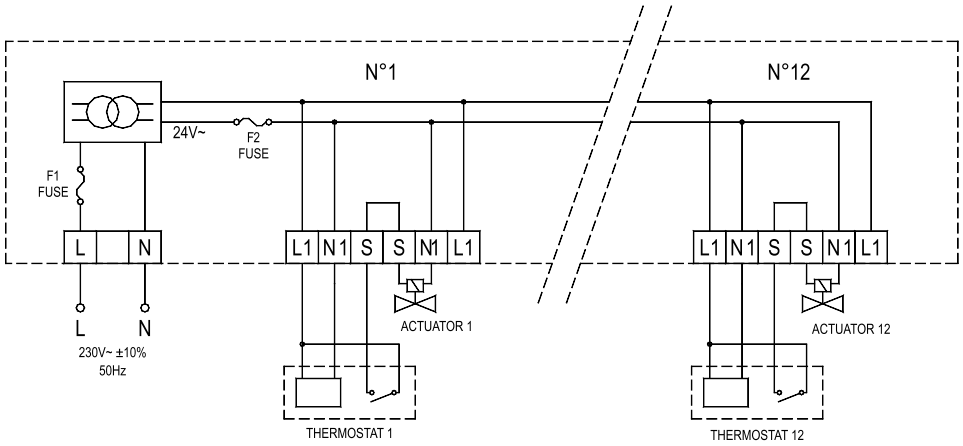
Design and Made in ITALY

12 output wiring box for under floor heating systems, with 230 Vac/24 Vac transformer or without transformer. 12 outputs available.

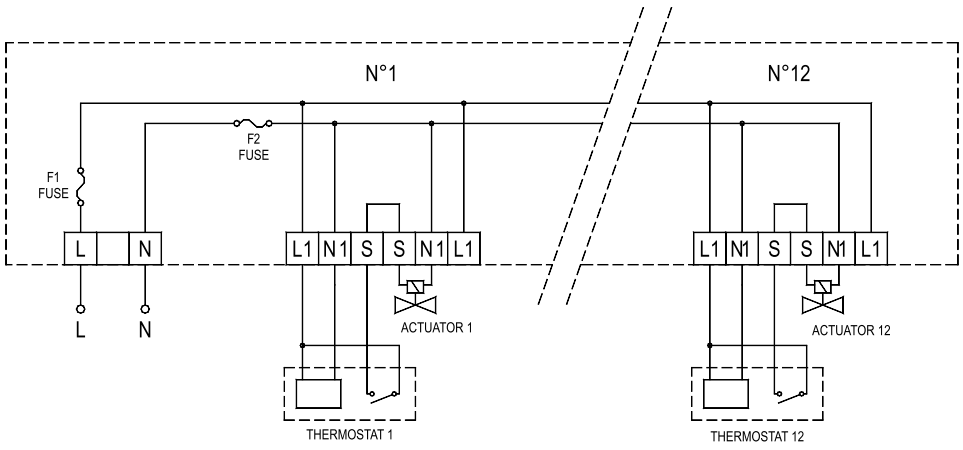
Technical Features

Power supply	ALC012M: 230 Vac ±10% 50 Hz
	ALC012U: Universal (24 ... 230 Vac)
Power absorption	ALC012M: 40 VA
Max. load	ALC012M: 10 A @ 24 Vac (Tot.)
	ALC012U: 10 A @ V supply
Dimensions (HxWxD)	100x245x60 mm
IP Rating	IP30

ALC012 M



ALC012 U



4-CHANNEL WIRING BOX

230 V / 24 V PUMP AND BOILER CONTROL

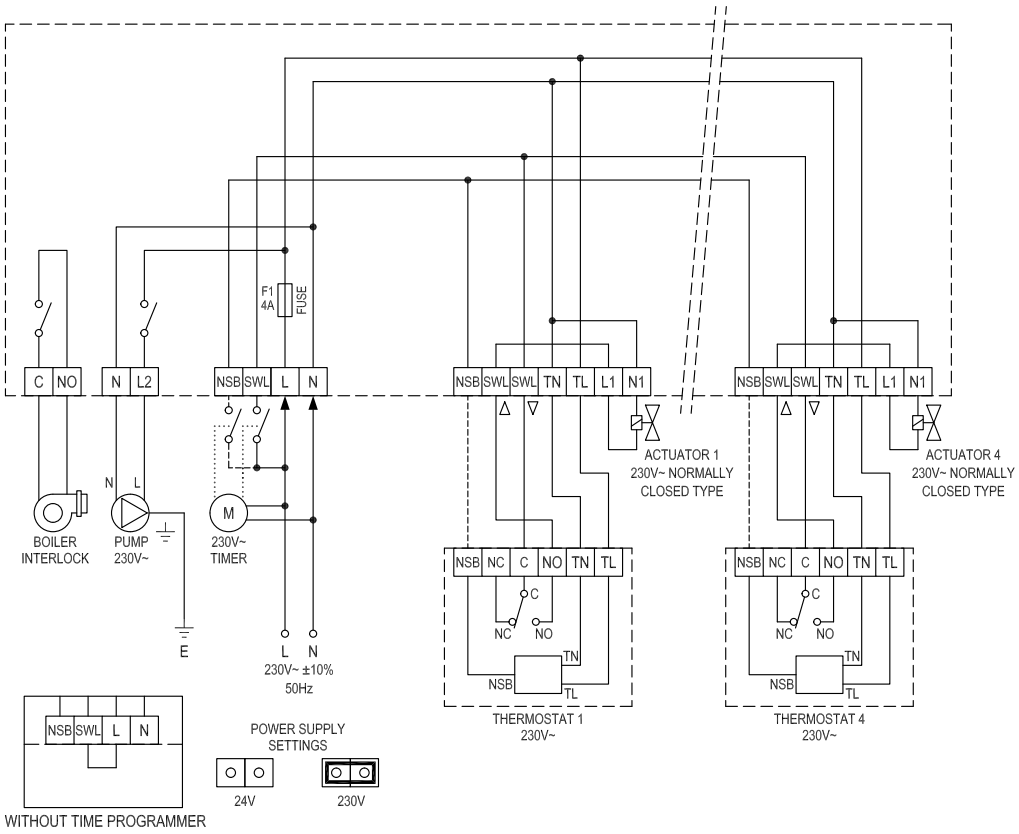
ALP06U

Design and Made in ITALY

Electronic control unit for floor heating systems with 24 Vac or 230 Vac power supply.
Up to 4 thermostats and up to 4 actuators can be connected, with power supply selectable between 24 Vac or 230 Vac.
Availability of a pump output, a dry contact boiler control output and an input for an external programmer clock for activating or deactivating the actuator and thermostat section.

Technical Features

Power supply	230 V ±10% 50 Hz
	24 V ±10% 50 Hz
Power absorption	Depends on the loads connected
Contact rating	
Pump (powered)	3 A
Boiler (voltage-free)	1 A
Actuators and thermostats	max 1 A per channel
	max. 1 A total
Green LED indicator	Power supply
Red LED indicator	Active pump
IP Rating	IP30
Dimensions (HxWxD)	100x130x60 mm



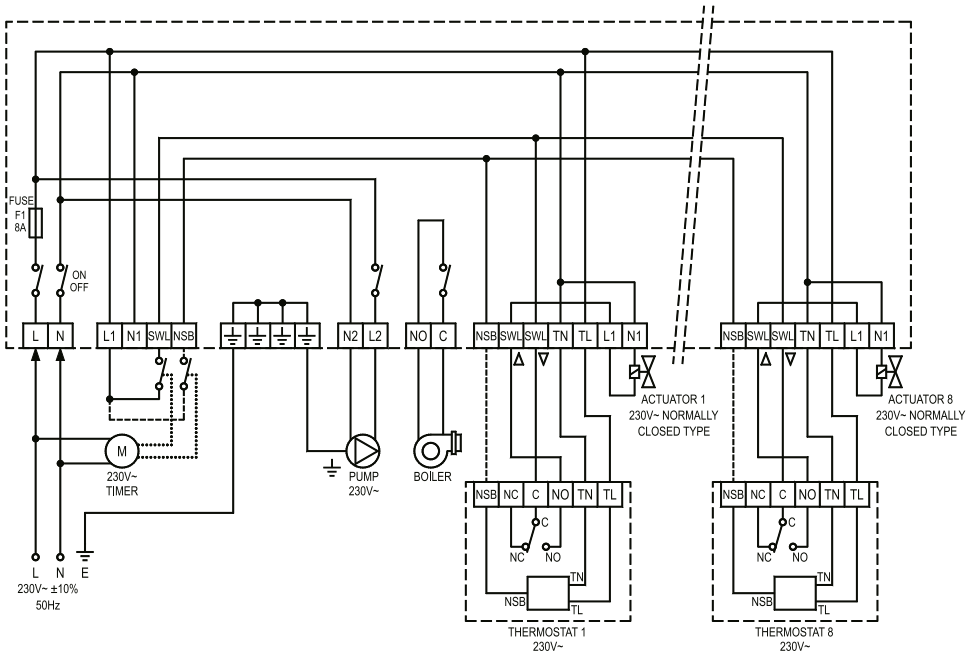
8-CHANNEL WIRING BOX
230 V PUMP AND BOILER CONTROL
ALCD08M0M

Design and Made in ITALY

Electronic control for floor heating systems with 230 Vac power supply.
Possibility of connecting up to 4 thermostats and up to 4 actuators with power supply selectable between 24 Vac or 230 Vac.
Availability of a pump output, a dry contact boiler control output and an input for an external programmer clock for activating or deactivating the actuator and thermostat section.

Technical Features

Power supply	230 Vac ±10% 50 Hz
Power absorption	According to the loads rating
Light switch	On/Off
IP Rating	IP44
Contact rating: Pump	5 A 250 Vac SPST
Contact rating: Boiler	5 A 250 Vac SPST
Maximum applicable load	
Actuators and thermostats	1.25 A per channel
	2 A total
Dimensions (HxWxD)	125x320x67 mm



8-CHANNEL WIRING BOX

230 V-24 V PUMP AND BOILER CONTROL

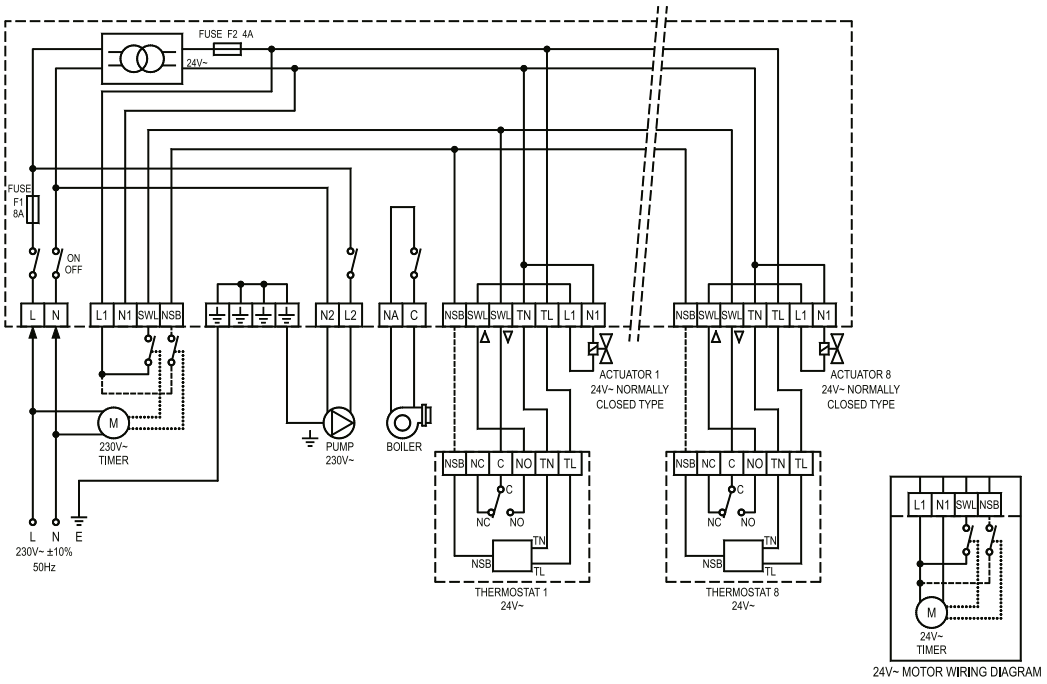
ALCD08M02

Design and Made in ITALY

Electronic control for underfloor heating systems with 230 Vac power supply. Possibility of connecting a thermostat and up to 5 actuators to each 24 Vac channel.
Availability of a pump output with a fixed delay time of 2.5 minutes, a boiler control output and an input for an external programmer clock for the activation or non-activation of the actuators and thermostats.

Technical Features

Power supply	230 Vac ±10% 50 Hz
Power absorption	According to the loads rating
Light switch	On/Off
IP Rating	IP44
Pump output	230 Vac
Boiler interlock output	Voltage-free contact
Actuators/thermostats outputs	24 Vac
Time prog. output (optional)	24 Vac
Contact rating: Pump	5 A 250 Vac SPST
Contact rating: Boiler	5 A 250 Vac SPST
Maximum applicable load	
Actuators and thermostats	1 A per channel
	2 A total
Dimensions (HxWxD)	125x320x67 mm



8-CHANNEL WIRING BOX

230 V - 24 V PUMP AND BOILER CONTROL
ALP03U

Design and Made in ITALY

Electronic control unit for underfloor heating systems. Possibility of connecting up to 8 thermostats and 8 actuators with power supply selectable between 230 Vac or 24 Vac.
Availability of a pump output, a boiler control output and an input for an external programmer clock for activating or deactivating the actuator and thermostat section.

Technical Features

Power supply	230 V ±10% 50 Hz or 24 V ±10% 50 Hz
Power absorption	According to the loads rating
Contact rating:	
Pump (powered)	5 A 250 Vac SPDT
Boiler (voltage-free)	1 A 250 Vac SPDT
Actuators and thermostats	8x1 A 250 Vac
Green LED indicator	Power supply
Red LED indicator	Active pump
IP Rating	IP30
Dimensions (HxWxD)	100x245x60 mm

COMPARATIVE TABLE

Code	Number of channels	Input power supply	Power supply Actuators/Thermostats	On-board transformer	Pump outlet	Pump delay	Boiler outlet	Clock input
ALC006M	6	230 V~	24 V~	Yes	No	No	No	Yes
ALC006U	6	230 V~ or other	230 V~ or other	No	No	No	No	Yes
ALC012M	12	230 V~	24 V~	Yes	No	No	No	No
ALC012U	12	230 V~ or other	230 V~ or other	No	No	No	No	No
ALCD08M0M	8	230 V~	230 V~	No	Yes	Yes	Yes	Yes
ALCD08M02	8	230 V~	24 V~	Yes	Yes	Yes	Yes	Yes
ALP03U	8	230 V~ or 24 V~ *	230 V~ or 24 V~	No	Yes	No	Yes	Yes
ALP06U	4	230 V~ or 24 V~ *	230 V~ or 24 V~	No	Yes	No	Yes	Yes

(*) internal selection jumper

Taddy

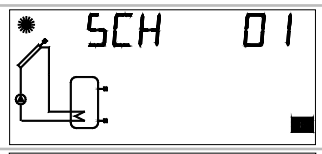
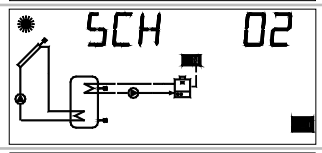
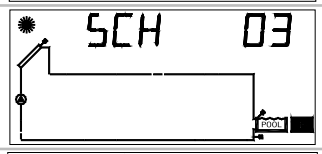
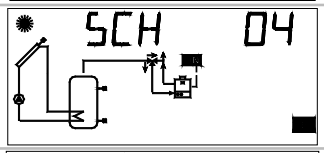
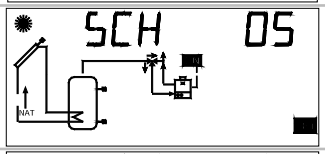
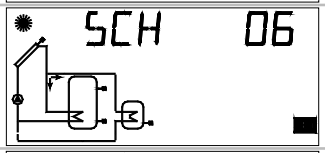
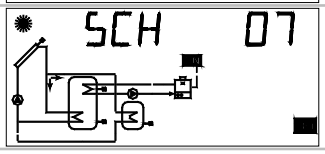
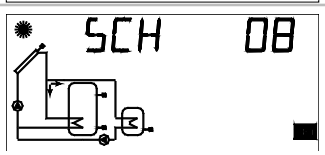
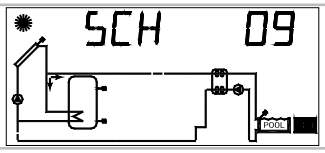
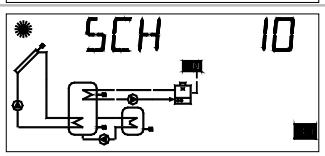
Solar heating controllers are essential for solar energy systems, which are increasingly popular in both residential and industrial settings.

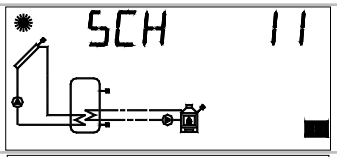
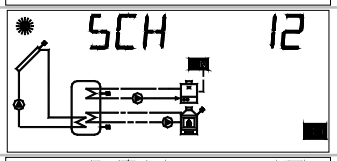
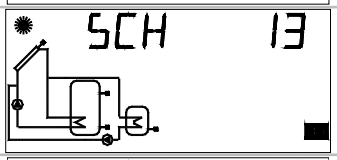
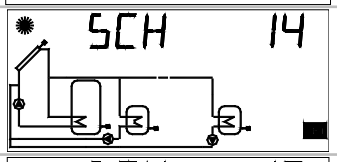
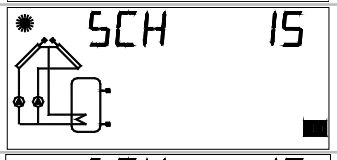
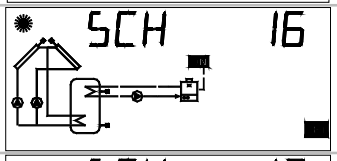
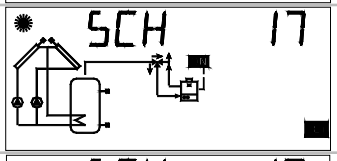
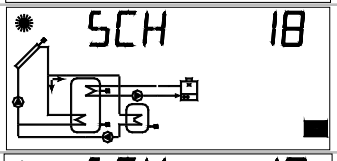
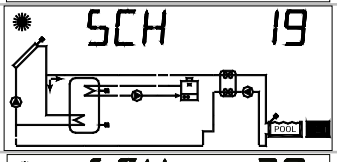
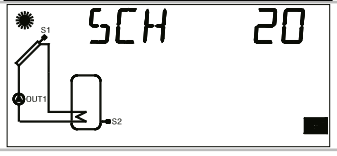
Our range of controllers is designed to maximise the efficiency of solar installations, ensuring precise and intelligent control of energy production and consumption.
Using state-of-the-art technology, our controllers optimise energy flow from solar panel to storage system, improving overall yield.
Key feature include:
- Maximum efficiency in energy management
- Stable and durable operation
- Advanced protection against overloads and overvoltages

Reliable and easy to install, Seitron solar heating controllers are designed for those seeking safe and high-performance product.

Solar Heating Control

ELIOS - PLANT CONFIGURATION DIAGRAMS

	ELIOS BASIC	ELIOS MIDI	ELIOS 25 STD
	✓	✓	✓
	✓	✓	✓
	✓	✓	✓
	✓	✓	✓
	✓	✓	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓

	ELIOS BASIC	ELIOS MIDI	ELIOS 25 STD
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	--	✓
	--	✓	✓

SOLAR CONTROLLER
ELIOS MIDI
TDST24M

Design and Made in ITALY

Elios Midi is the microprocessor-based differential controller for solar systems. It has 3 inputs for NTC-type temperature probes, 2 On-Off relay outputs, 1 NO/NC auxiliary output for alarm, 1 PWM output and 1 0 . 10 V output.
It allows the configuration of 6 different system layouts.
The controller is also equipped with a recooling function for cooling the boiler.

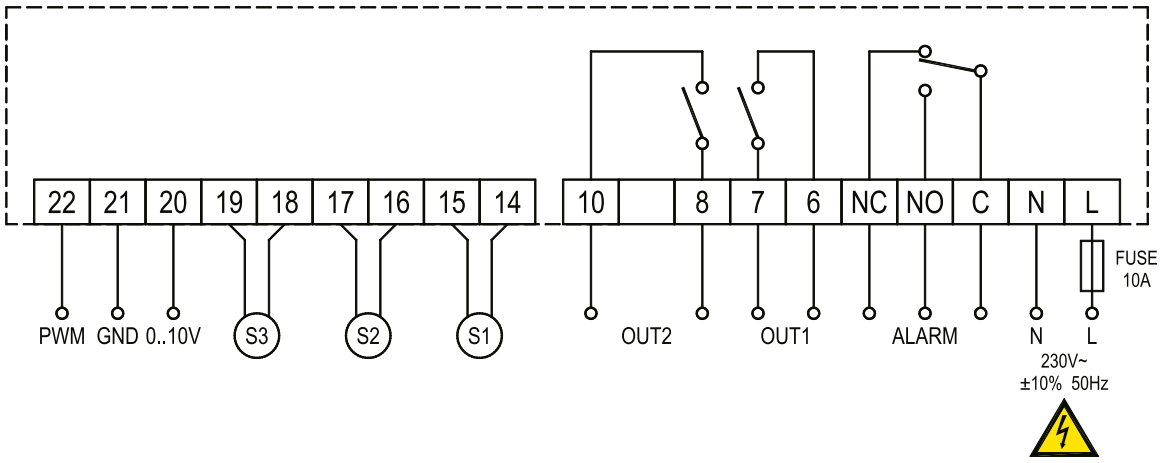
Technical Features

Power supply	230 Vac ±10% 50 Hz
Power absorption	<2 VA
Inputs	3 x NTC 10 kOhm @ 25 °C
Sensor operating range	-50 °C ... +200 °C (collector)
	-50 °C ... +110 °C (boiler)
Temperature reading range	-20 °C ... +180 °C
Accuracy	±2 °C
Resolution	0.1 °C (-20 °C ... 144.9 °C)
	1 °C (145 °C ... 180 °C)
Offset adjustment	on S1, S2, S3: ±5 °C
Acoustic signals	On/Off (default On)
Back light timing	20 sec. from last press
Relay output OUT 1:	2(1) A max. 250 Vac (SPST)
Relay output OUT 2:	8(1) A max. 250 Vac(SPST)
Alarm output relay:	4(1) A max. 250 Vac (SPDT)
Output signals	PWM, 0 . 10 V
IP Rating	IP40
Operating Temperature range	0 °C ... 40 °C
Storage Temperature range	-10 °C ... +50 °C
Humidity limits	20% . 80% non-condensing
Dimensions (HxWxD)	108x156x47 mm

Accessories included

STLDESL150 x1
Temperature probe NTC 10K Ohm Max +200°C

STLDEIM150 x2
Temperature probe NTC 10K Ohm Max +110°C



Elios

SOLAR CONTROLLER
ELIOS 25 STANDARD
TST12M

Design and Made in ITALY

Elios 25 Standard is the microprocessor-based differential controller for solar thermal systems. It has 4 Pt1000 temperature inputs, 2 PWM outputs (east-west), 4 relay outputs and 1 auxiliary output for SPDT relay alarm.
It allows the configuration of 20 different system layouts. Multiple functions are available, including: periodic load activation, night-time boiler cooling (holiday function), calorimeter.

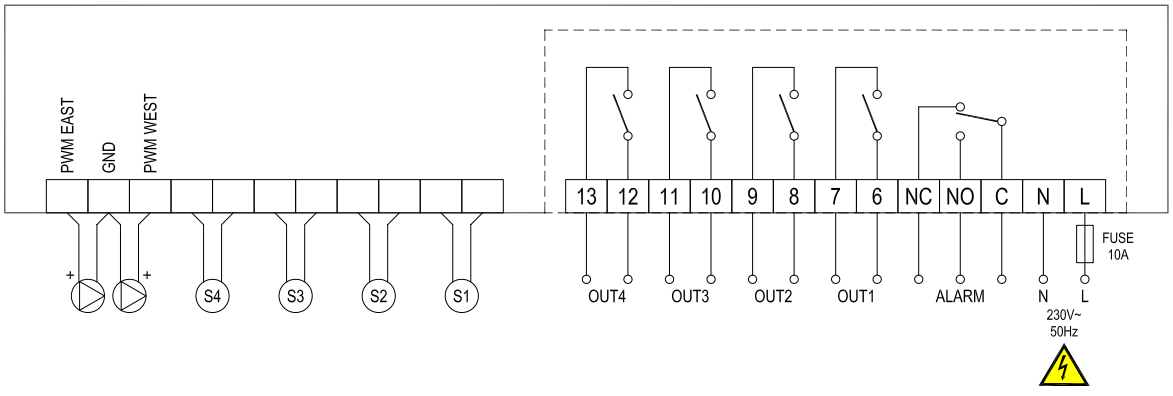
Technical Features

Power supply	230 Vac 50 Hz
Power absorption	4 VA
Sensor type	4 x Pt1000 Class B DIN
Sensor operating range	-50 °C ... +200 °C (collector) -50 °C ... +110 °C (boiler)
Offset; adjustable on S1,S2,S3,S4	±5.0 °C
Output relay contact rating OUT1 - OUT2 - OUT3 - OUT4	4x2(1) A max. 230 Vac (SPST) voltage-free
Alarm relay contact rating	4(1) A max 230 Vac (SPDT)
Output signals	2 PWM: Amp: 10 V ±15% (east-west)
IP Rating	IP40
Action Type	1
Pollution Rating	2
Operating Temperature range	0 °C ... +40 °C
Storage Temperature range	-10 °C .. +50 °C
Dimensions (HxWxD)	108x156x47 mm

Accessories included

STLMTSL150 x1
PT1000 temperature probe
Max +200 °C

STLMTIM150 x2
PT1000 temperature probe
Max +110 °C



ANALOGUE SOLAR CONTROLLER
ELIOS BASIC
TST01M

Design and Made in ITALY

Elios Basic is the analogue differential controller for solar heating systems.
It is equipped with 3 inputs for NTC-type temperature probes and 2 SPST relay on/off outputs. It allows the configuration of 5 different system layouts. For circulators requiring PWM signal or 0 ... 10 V, accessory ACIW01 must be used.

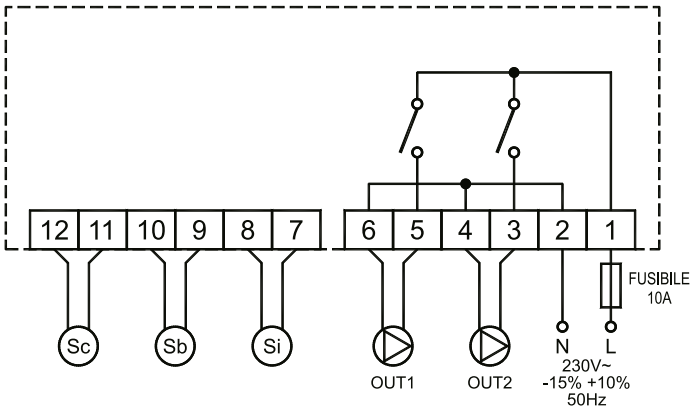
Technical Features

Power supply	230 Vac -15% +10% 50 Hz
Sensor	NTC 10 kOhm @ 25 °C ±1%
Power absorption	2.3 VA
Pump output	5(1) A 250 Vac (live)
Integration output	5(1) A 250 Vac (live)
Accuracy	±1.5 °C
Green LED indicator	Power supply
Red LED indicator	Active pump
IP Rating	IP30
Operating temperature range	0 °C ... +40 °C
Storage temperature range	-10 °C ... +50 °C
Humidity limits	20% . 80% non-condensing
Dimensions (HxWxD)	87x132x37 mm

Accessories included

STLDESL150 x1
Temperature probe NTC 10K Ohm Max +200 °C

STLDEIM150 x2
Temperature probe NTC 10K Ohm Max +110 °C



ACCESSORIES

ACIW01
Device for converting an On-Off pump output into a PWM or 0 .. 10 V output

STLMTIM150
Pt1000 probe-50 °C to +110 °C
Class B DIN

STLMTSL150
Pt1000 probe -50 °C to +200 °C
Class B DIN

STLDEIM150
NTC probe: 10K 1% -50 °C .. +110 °C

STLDESL150
NTC probe: 10K 1% -50 °C .. +200 °C

Climate controllers are devices designed to regulate. Temperature multiple functions of control systems. A key feature is the regulation of the flow water or boiler temperature.

Seitron climate controllers offer advanced room comfort management, ensuring precise control of temperature, humidity and air quality. Designed to ensure maximum comfort in residential, commercial and industrial settings, they are the ideal solution for those seeking performance and reliability.

Climate Control

CLIMATE REGULATOR
RKP01M

Design and Made in ITALY

The climate regulator for traditional heating systems and/or floor systems. It alloes to manage 3 outputs (3 relays with output voltage and 1 changeover relay with dry contacts), 4 inputs probes, 1 input for the room thermostat and 1 input for the Remote Controller.
The selection of the system type allows the controller to manage inputs and outputs automatically.

Technical Features

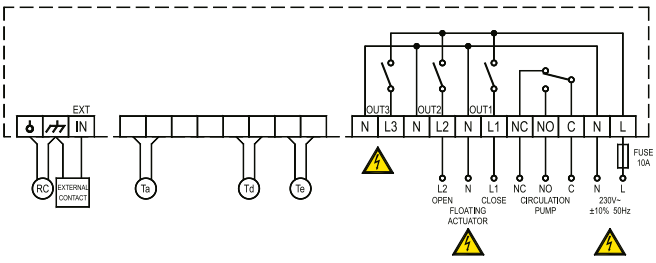
Power supply	230 Vac ±10% 50/60 Hz
Output (relay)	3x2(1)A 250 Vac SPST
	1x2(1)A 250 Vac SPDT
Working range	-20 ... +120°C
Working curves	0.5 ... 4 T inlet/outlet T
LCD display	Backlit
Regulation	Comfort/Economy/Antifreeze/Off
3 Sensors included	3xNTC (10 kOhm @ 25°C)
Sensor inputs	4
Dimensions (HxWxD)	108x156x47 mm
IP Rating	IP40
Class Reg.2013/811/EU	VI = 4.0%

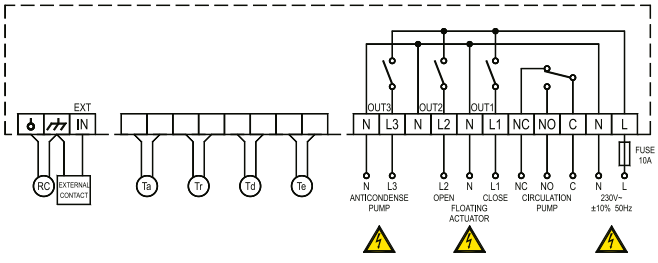
Accessories included

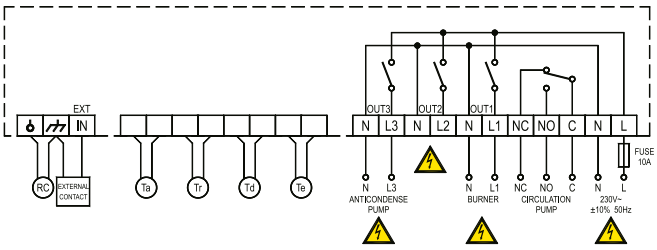
STED01
External temperature probe

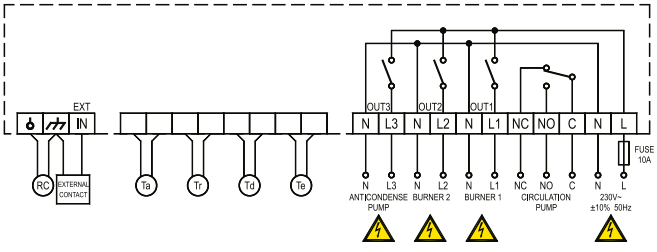
STLD01
Liquid and air temperature probe

ACAD02
Pipe clamp for supply and return probe









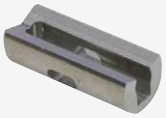
RKP01M ACCESSORIES

STAD01
Room temperature probe

SPARE PARTS FOR RKP 01M

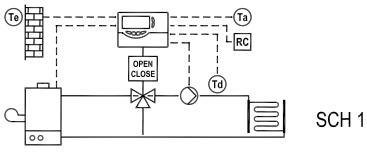
STLD01
Liquid and air temperature probe 10 kOhm, 2 m cable (requires ACAD02)

ACAD02
Pipe clamp for supply and return probe

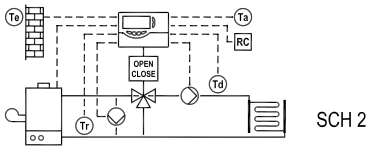


STED01
External temperature probe

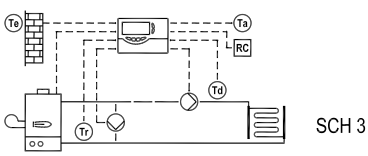
RKP01M CLIMATE REGULATOR: TYPICAL WIRING



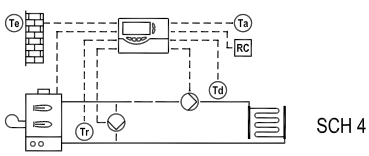
SCH 1



SCH 2



SCH 3



SCH 4

MULTI-ZONE PROGRAMMABLE THERMOSTAT

RADIANT TUBE CONTROLLER

TT401M

Design and Made in ITALY

The digital regulator. or microcontroller-based, for radiant tubes allows up to 8 radiant tubes to be controlled over a maximum of 4 zones, adjusting according to the temperature detected by the probes.
The weekly programmable thermostat allows the user to set up 7 time slots per day and set 4 adjustable temperature levels (off, anti-freeze, economy and comfort).

Technical Features

Power supply	230 Vac -15% +10% 50 Hz
Power absorption	< 3.2 VA
Sensor	NTC (10 kOhm@25°C)
Regulation ranges	Comfort: +5 °C ... +35 °C
	Economy: -5 °C ... +25 °C
	Antifreeze: -5 °C ... +15 °C
Accuracy	± 1°C
Resolution	0.2 °C
Hysteresis	0.2 °C
Contact rating	8 x 2 (1)A 250 Vac SPST
IP Rating	IP 30 on panel
Operating temperature	0 °C ... 40 °C
Storage Temperature	-10 °C ... +50 °C
Humidity limits	20% . 80% RH non-condensing
Dimensions (HxWxD)	90x157x71 mm
Class Reg.2013/811/EU	I = 1.0%

Probes not included

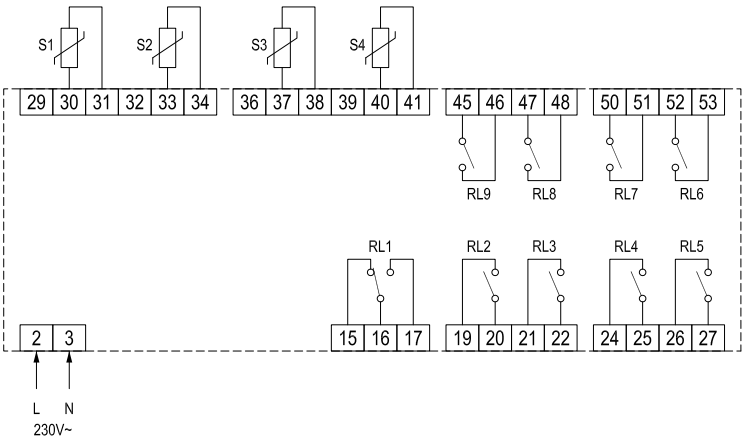
Accessories

STBD01
Black bulb probe

STAD01
Room Temperature Probe

ACCRES04
4-channel reset

ACAD02
Pipe clamp for supply and return probe



CONTROL FOR THERMO-FIREPLACES - HEATING

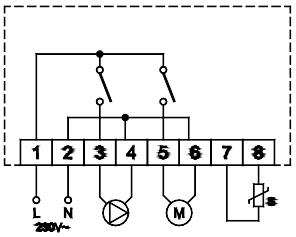
FUEGO
000CCI

Design and Made in ITALY

Fuego is the 3-module built-in control unit for fireplaces with boilers. It allows the heating water temperature to be set via a knob. The LED bar shows the water temperature; when the 90°C water temperature is exceeded, an acoustic alarm is activated. The control unit has outputs to control a circulation pump and a grill.

Technical Features

Power supply	230 Vac -15/+10% 50 Hz
Output (relay)	5 A 250 Vac SPST (max. tot.)
Sensor	NTC (4K7 0hm @ 25°C)
Working range	30 . 90°C
Red LED indicator	Pump active
Green LED indicator	Grill on
8 LED Thermometer 20 ... 90 °C	Water temperature
Acoustic alarm	Temp. H2O>90°C
Antifreeze	5 °C
Slide switch	Off/on/grill
IP Rating	IP20
Dimensions (HxWxD)	110x60x56 mm
Class Reg.2013/811/EU	I = 1.0%



Comes with NTC probe with 1.5 m cable (STLNTSA 150).

NON-ADAPTABLE PLATES
Living international (B-TICINO)

ADAPTABLE PLATES	
MARK	BRAND
BTICINO®	Living
VIMAR®	Idea
AVE®.	System45

CONTROL FOR THERMO-FIREPLACES - HEATING AND DOMESTIC HOT WATER

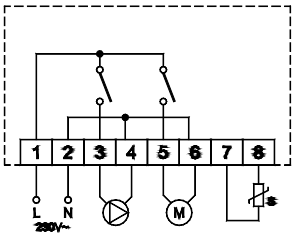
FUEGO 2
CIE001MD

Design and Made in ITALY

Fuego 2 is the 3-module built-in controller for fireplaces with boilers. It allows the heating and domestic water temperature to be set via two knobs.
The LED bar shows the water temperature; when the 90 °C water temperature is exceeded, an acoustic alarm is triggered. The controller has outputs to control a circulation pump, a valve and a grill.

Technical Features

Power supply	230 Vac ±10% 50..60 Hz
Output (relay)	2x5 A 250 Vac SPST (max. tot.)
Sensor	NTC (4K7 0hm@25 °C)
Working range:	
heating/sanitary water	30 ... 90°C / 50 .. 70°C
Red LED indicator	Pump active
Green LED indicator	Grill on
Red LED indicator	Valve open
7 LED thermometer	20 ... 90 °C Water temperature
Acoustic alarm	Temp. H2O>90 °C
Antifreeze	5 °C
Slide switch	Off/on/grill
Dimensions (HxWxD)	110x60x56 mm
IP Rating	IP20
Class Reg.2013/811/EU	I = 1.0%



Comes with NTC probe with 1.5 m cable (STLNTSA 150).

NON-ADAPTABLE PLATES
Living international (B-TICINO)

ADAPTABLE PLATES	
MARK	BRAND
BTICINO®	Living
VIMAR®	Idea
AVE®.	System45

WEEKLY DIGITAL PROGRAMMABLE THERMOSTAT IP54

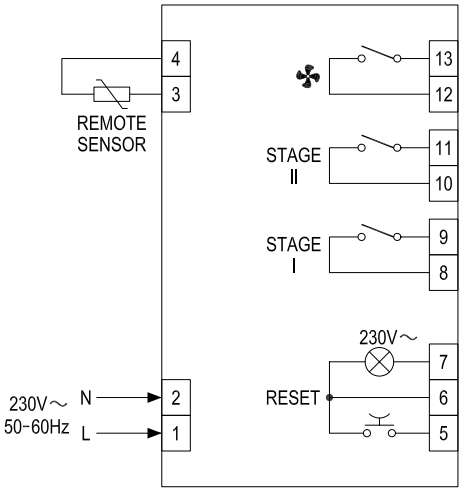
TAG02M

Design and Made in ITALY

The 230 V wall-mounted digital weekly programmable thermostat allows the temperature to be adjusted on 3 levels.
The device is suitable for temperature control in greenhouses. The programmable thermostat has a reset circuit for burners, with a blocking signal and a reset button electrically separated from the thermostat.
In addition, it has 2 relay outputs in sequence and 1 relay output for fan.

Technical Features

Power supply	230 Vac -15/+10% 50 Hz
Working range	0 ... +85 °C
Contacts (relays)	3 x 5 (1)A 250 Vac SPST
Sensor	NTC (10K0 0hm @ 25 °C Beta 3977)
Differential	1 °C
Red LED indicator	Burner block
IP Rating	IP54
Class Reg.2013/811/EU	I = 1.0%



Accessories

STAD01
Room temperature probe

STLD01
Temperature probe

STBD01
Black bulb probe

TEMPERATURE PROBES FOR LIQUIDS AND AIR

STLNTSA150
NTC sensor, Working range: -25... +125 °C,
Resistance=4K7 Ohm±2% @ 25 °C, β25/75=3977K,
IP Rating: IP65,
Dimensions (WxL) 6x25 mm

STLOTSA150
NTC sensor, Working range: -25... +125 °C,
Resistance=R=100 kOhm±1% @ 25°C, β=4190 K,
IP Rating: IP65,
Dimensions (WxL) 6x25 mm

STLD01
NTC sensor, Working range: -25... +125 °C,
Resistance=10 kOhm±1% @ 25 °C, β25/85=3977K,
IP Rating: IP65,
Dimensions (WxL) 6x25 mm

WALL-MOUNTED BLACK BULB PROBE

STBD01
NTC sensor, working range: -20 ... +70 °C,
Resistance=10 kOhm @ 25 °C, β25/85=3977K,
IP Rating: IP54, Dimensions (HxWxD) 154x79x84 mm

WALL-MOUNTED ROOM TEMPERATURE PROBE

STANP3
NTC sensor, Working range: 0 ... +50 °C,
Resistance=4K7 Ohm±2% @ 25 °C,
β25/85=3977K, IP Rating: IP30,
Dimensions (HxWxD) 85x85x31 mm

STAOP3
NTC sensor, Operating range: 0 ... +50 °C,
Resistance=R=100 kOhm±1% @ 25 °C,
β25/50=4250K - β25/85=4315K,
IP Rating: IP30,
Dimensions (HxWxD) 85x85x31 mm

STAD01
NTC sensor, Working range: 0 ... +50 °C,
Resistance=10 kOhm±2% @ 25 °C, β25/85=3977K,
IP Rating: IP30,
Dimensions (HxWxD) 85x85x31 mm

OUTDOOR TEMPERATURE PROBE

STENS
NTC sensor, Operating range: -20 ... +60 °C,
Resistance=4K7 Ohm±2% @ 25 °C,
β25/85= 3977 K, IP Rating: IP65,
Dimensions (HxWxD) 50x52x35 mm

STEOS
NTC sensor, Operating range: -20 ... +60 °C,
Resistance=100 kOhm±1% @ 25 °C,
β25/50=4250K - β25/85=4315K, IP Rating: IP65,
Dimensions (HxWxD) 50x52x35 mm

SEITRON SUPPORT AND WARRANTY

Seitron is at your complete disposal to provide existing and potential customers with all the information they need during the pre- and post-sales phases.

Our staff, thanks to their many years of experience in the sector, will be happy to provide support at every stage of the purchase process, right through to the resolution of any issues that may arise during use of the product.

CONTACT US
customer.care@seitron.it

WRITE US ON WHATSAPP
+39 329 1444390

TALK WITH US
+39 0424 567842

AUTHORISATION FOR RETURN

Contact Seitron Customer Care to request your **return authorisation number (RMA)**.

online form

customer.care@seitron.it

0424 567842 (Extension 1)

WhatsApp 329 144 4390

Once obtained, wait for instructions on how to send the goods. Returns must always be accompanied by a Transport Document, where the authorisation number is present. Returns without an RMA will lose their priority.

Following careful technical verification, Seitron undertakes to repair or replace products covered by warranty, returning them to the customer at its own expense.

EASY RETURN PROCEDURE

With a view to the continuous development of its products, Seitron reserves the right to make changes to technical data and performance without prior notice. Visit our website www.seitron.com to view the latest version of technical documentation, manuals and catalogues.

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