Manuals+ — User Manuals Simplified.

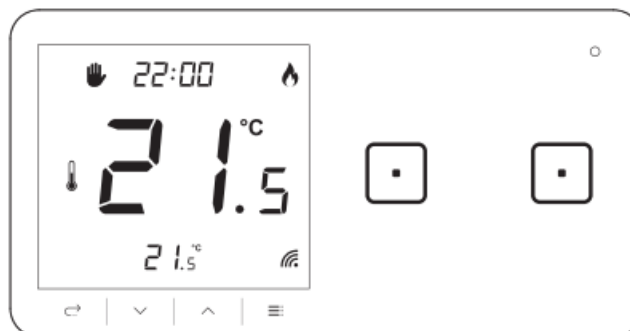# TECH WSR-01 P Temperature Controller Instruction Manual
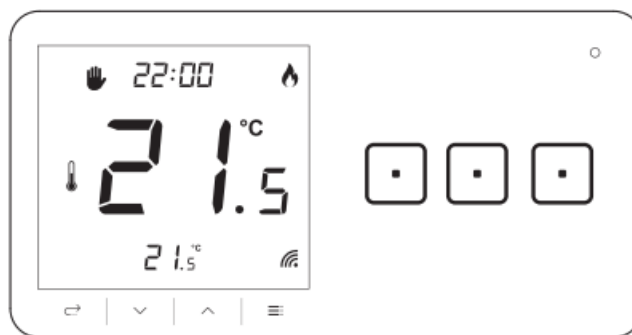

Contents

WSR-01 P / WSR-01 L

WSR-02 P / WSR-02 L

WSR-03 P / WSR-03 L

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Wyprodukowano w Polsce

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www.tech-controllers.com/manuals

Made in Poland
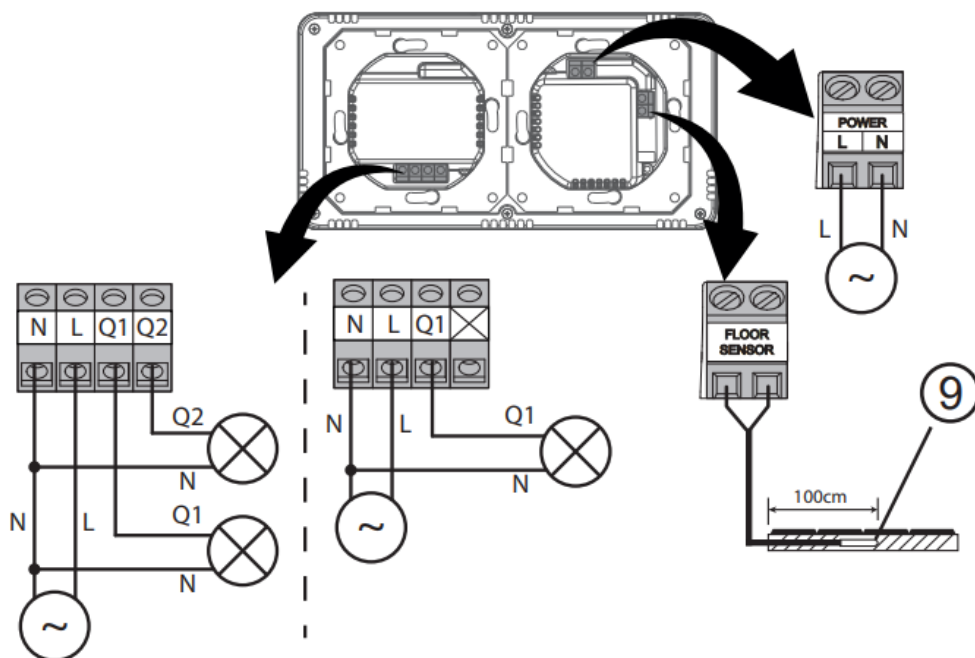
WSR-02 / WSR-03   **WSR-01**
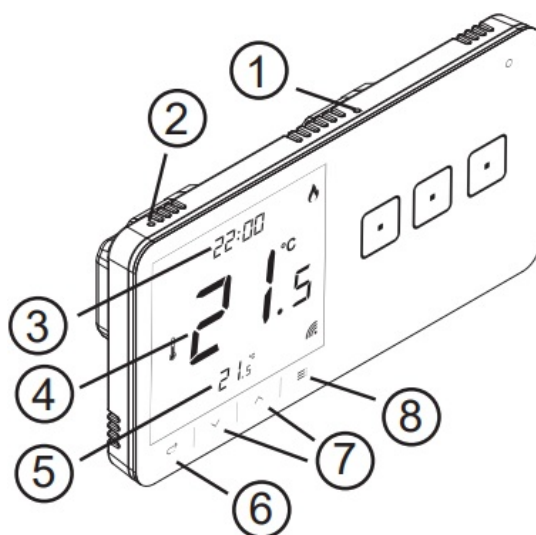
Description

The WSR-01 / WSR-02 / WSR-03 light switch with regulator is a functional device for controlling the room temperature, lighting or other device from switch or via the Sinum Central device. In the Sinum Central device, the user can program the conditions for specific automations. Communication with the Sinum Central device is wireless.

WSR-01 / WSR-02 / WSR-03 has a built-in temperature and humidity sensor and a light sensor that adjusts the brightness of the button backlight to the current brightness level in the room. Optionally, a floor temperature sensor can be attached to the device.

(1) – Switch registration button
(2) – Regulator registration button
(3) – Actual time
(4) – Actual temperature
(5) – Pre-set temperature
(6) – Return button
(7) – Navigation buttons
(8) – Menu button
(9) – Floor sensor

NOTE!

- **The drawings and the number of buttons may be different depending on the version you have.**
- **The maximum load of a single output for LED lighting is 200W.**

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How to register the device in the sinum system

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Enter the address of the Sinum central device in the browser and log in to the device. In the main panel, click the **Settings > Devices > Wireless devices >** (+) . Then briefly press the registration button (1) or (2) on the device. The regulator and the switch are treated as two individual devices and should be registered separately. After a properly completed registration process, an appropriate message will appear on the screen. Additionally, the user can name the device and assign it to a specific room.
INFO: When registering the regulator, the humidity sensor and floor sensor (if it is connected) will also be registered automatically.

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Menu

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Hold down the Menu buttton until appears CAL option. Change options with $\wedge$ and $\vee$ buttons, confirm with Menu button. Options available:
CAL – temperature sensor calibration,
FAb – factory reset ($\wedge$, $\vee$ – value change, Menu – confirm)
UEr – software information.

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Operation

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- **Pressing button** ⟳ the displayed parameter changes: current temperature -> humidity -> floor temperature (after connecting the sensor)

- **Heating/cooling control** is possible after assigning the controller in the Sinum Central device to a virtual thermostat. On the display may appear:

  – **Icon** ❄ (cooling mode) – the need for cooling

  – **Icon** 🔥 (heating mode) – the need for heating

  – No icon – no need for heating/cooling

- **Icon** ✋ informs about active manual mode

- **Changing the preset temperature** with the $\wedge$, $\vee$ buttons and confirming with the Menu button. The set temperature will be permanent.

  If the regulator is assigned to a virtual thermostat, after changing the temperature, use the $\wedge$ and $\vee$ to specify the time range of the set temperature [0 ÷ 24h, Con (permanently) or Off (inactive change)], confirm with the Menu button ☰.

- **Button lock** – pressing the Menu button will activate the function Loc; use the $\wedge$ or $\vee$ to select "yes" or "no" (automatic lock on/off). Confirm with the Menu button or wait approx. 5 sec. Holding $\wedge$ and $\vee$ simultaneously until the padlock icon disappears unlocks the buttons.

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EXIT and MENU button regulator functions:

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Pressing EXIT:

- change of the displayed parameter: current temperature, air humidity, floor temperature (optional)
- exit from the menu

EXIT hold:

- manual control off

Pressing MENU:

- button lock option is displayed
- next menu function
- confirmation of settings

Holdig MENU:

- enter the menu

WSR-03 switch buttons

The outermost buttons are used to control the lighting whereas the middle button serves as a programmable button. Using this button the user may activate the automation which has been previously programmed in the Sinum central device.

Technical data

	Switch	Regulator
Power supply	230V±10%/50Hz	230V±10%/50Hz
Max. power consumption	1W	0,1W
Maximum output load	4A (AC1)* / 200W (LED)	–
Operation temperature	5°C ÷ 50°C	
Communication	Wireless (WTP 868 MHz)	
Dimensions [mm]	164 x 84 x 16	
Installation	Flush-mountable (electrical box 2 x ø60 mm)	

* AC1 load category: single-phase, resistive or slightly inductive AC load.

Notes

TECH Controllers is not responsible for any damages resulting from improper use of the system. The range depends on the conditions in which the device is used and the structure and materials used in the object construction. The manufacturer reserves the right to improve devices, update software and related documentation. The graphics are provided for illustration purposes only and may differ slightly from the actual look. The diagrams serve as examples. All changes are updated on an ongoing basis on the manufacturer's website.
Before using the device for the first time, read the following regulations carefully. Not obeying these instructions may lead to personal injuries or controller damage. The device should be installed by a qualified person. It is not intended to be operated by children. It is a live electrical device. Make sure the device is disconnected from the mains before performing any activities involving the power supply (plugging cables, installing the device etc.). The device is not water resistant.

The product may not be disposed of to household waste containers. The user is obliged to transfer their used equipment to a collection point where all electric and electronic components will be recycled.

EU Declaration of conformity

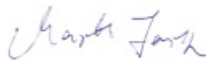**Tech Sterowniki II Sp. z o.o.** , ul. Biała Droga 34, Wieprz (34-122)
Hereby, we declare under our sole responsibility that the

WSR-01 / **WSR-02** / **WSR-03** is compliant with Directive 2014/53/UE.

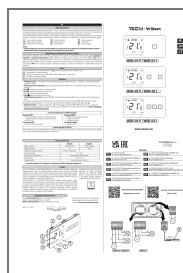Wieprz, 01.12.2023

Paweł Jura   Janusz Master
Prezesi firmy

The full text of the EU declaration of conformity and the user manual are available after scanning the QR code or at
www.tech-controllers.com/manuals

Documents / Resources

TECH WSR-01 P Temperature Controller [pdf] Instruction Manual
WSR-01 P, WSR-01 L, WSR-02 P, WSR-02 L, WSR-03 P, WSR-03 L, WSR-01 P Temperature
Controller, WSR-01 P, Temperature Controller, Controller

References

- 🌐 **controllers.com**
- **Intelligens fűtés-hűtés, fűtési-hűtési megoldások - TECH vezérlők gyártója | TECH vezérlők**
- 🌐 **Sinum - TECH Controllers**
- **Intelligent heating, smart heating solutions - manufacturer of controllers | TECH Controllers**
- **Manuals - TECH Controllers**
- **TECH Controllers - Teplo ve Vašem domě**
- **TECH Controllers - Teplo vo Vašom dome**
- **Soluţia de acasă de economisire a energiei - producător de controlere I Tech-Controllers**
- **User Manual**