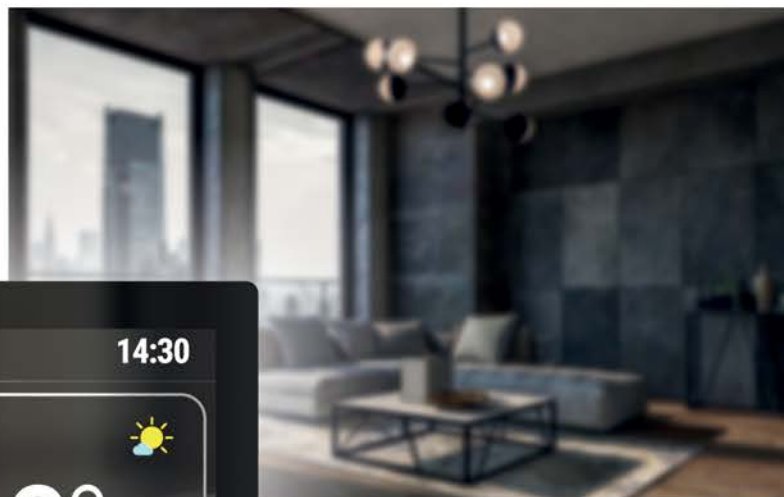


TECH
CONTROLLERS

 **Sinum**



Sinum - intelligence that fits into the project.



Sinum – smart home designed to fit your interior

Sinum is a modern smart home system that harmoniously combines technology with design. It enables central control of lighting, heating, blinds, gates, and other home functions, offering users a high level of everyday comfort while giving interior designers full creative freedom.

The system is designed to work in the background, without dominating the space. Minimalist control panels, the ability to create personalized scenes, and automations tailored to the rhythm of the day make technology a natural part of the interior rather than a visible add-on. Sinum lets you build atmosphere - through light, temperature, and movement - with a single touch or fully automatically.

Thanks to its flexible architecture, Sinum works equally well in new developments and modernized interiors - from apartments and single-family homes to premium penthouses and high-end spaces. It's a solution that increases a project's value, boosts interior functionality, and meets the growing expectations of design- and comfort-conscious clients.

Why Sinum?

- **Design without compromise** - the system does not impose visual constraints; it supports the interior concept by remaining a discreet and aesthetic element of the project.
- **Comfort you feel, not see** - automations and scenes create an intuitive user experience without the need to operate complex systems.
- **Design flexibility** - Sinum can be adapted to various interior styles and investment stages - from new builds to renovations.
- **Higher investment value** - smart control elevates the interior standard and significantly increases its appeal to the end client.
- **Cohesion of technology and design** - a single solution that integrates functionality, aesthetics, and a modern lifestyle.



Sinum central unit

The heart of your smart home system

EH-01, EH-01 Lite, EH-02

Sinum central unit

The Sinum central unit is the primary smart home controller that combines control, communication, and automation functions to create a central management point for the entire smart home system. This device serves as the "brain" of the Sinum system—it coordinates the operation of all connected modules and enables full control over home installations from a single location.

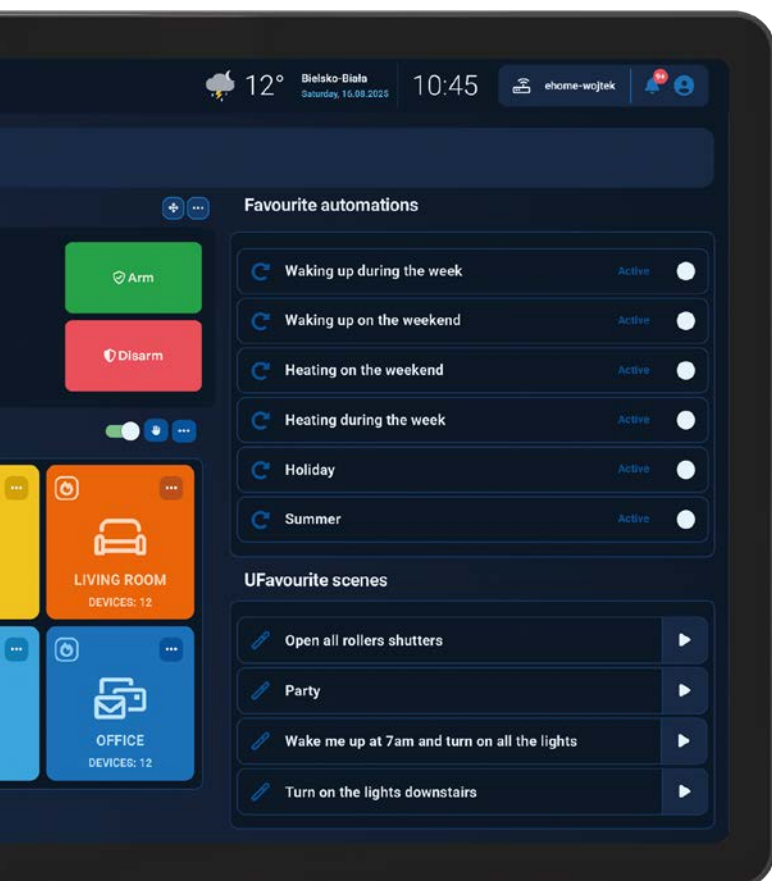
Why choose Sinum central?

- **Scalability** - the system can be expanded with additional modules and devices, adapting it to the specific needs of any house or apartment.
- **Lifestyle automation** - creating scenes and schedules saves time and increases daily comfort.
- **Remote access** - control your home from anywhere in the world thanks to cloud connectivity and a dedicated app.
- **Versatile application** - the hub works with various installation components, from heating to household appliances and consumer electronics.

Sinum mobile app

Home control from your phone

The Sinum app is a mobile interface for managing the Sinum smart home system. It allows for full control of devices connected to the Sinum central unit - both locally (within the home network) and remotely via the Internet, thanks to the integration with Sinum Cloud.



Key functions of the central

- Centralized management of all devices and home installations.
- Automation support based on time, events, and sensor data.
- Local system operation – functions independently of an internet connection for maximum reliability.
- Expandability – the ability to add further modules and functions as the system grows.
- Seamless integration with heating, lighting, roller shutters, and security systems.
- Wired and wireless communication support, allowing for a flexible installation configuration.

Main functions of the Sinum app:

- Remote and local system control from a single interface.
- Real-time status overview of devices and installations.
- Create and edit scenes tailored to everyday situations.
- Intuitive operation and quick configuration without the need for technical expertise.
- Notifications regarding events and system status changes.
- Access to basic statistics on operation and energy consumption.





Sinum TAB-11

Tablet 11"

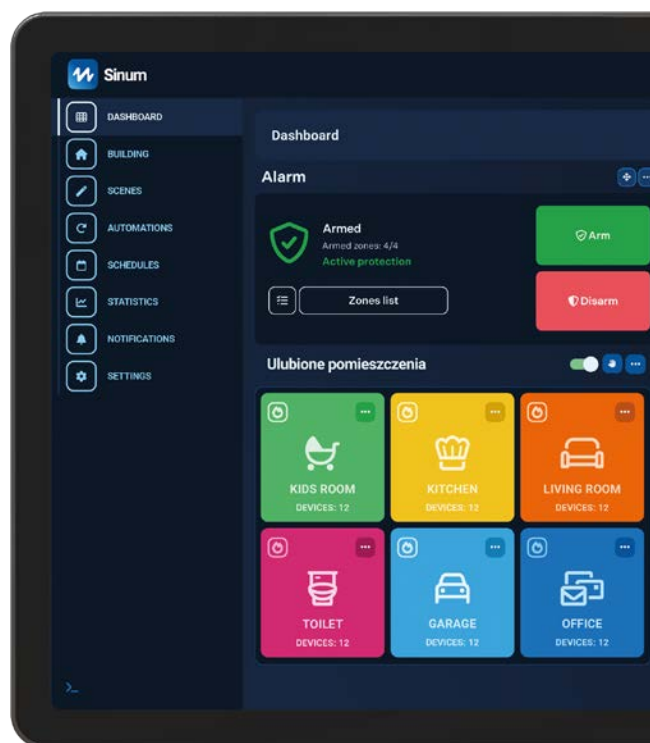
Sinum TAB-11

Tablet 11"

A modern tablet with an 11-inch IPS screen, designed as a versatile device for work, multimedia, and daily use. Equipped with a powerful MediaTek Helio G100 processor, ample memory, and a smooth 90 Hz display, it ensures fast and comfortable application performance. Its slim build combines modern design with high functionality.

Key features:

- 11" IPS TFT Display (1920 × 1200, 90 Hz, 16.7 million colors)
- MediaTek Helio G100 Processor (2.2 GHz)
- 48 GB RAM (8 GB + 40 GB extended memory)
- 256 GB Internal Storage + microSD support up to 2TB
- 8000 mAh Battery with 18 W fast charging (USB-C)
- Camera: 13 Mpix rear, 5 Mpix front
- Connectivity: Wi-Fi 2.4/5 GHz, Bluetooth 5.2, 4G LTE, GPS



Sinum TAB-11 Rotating Tablet Frame

An elegant rotating frame for the tablet, designed for mounting in a standard 60 mm junction box. Its discreet form allows the tablet to blend perfectly into the wall, creating a modern and organized look for any interior. A precision rotating mechanism enables a smooth change of screen orientation from portrait to landscape, adapting the device to the user's current needs. Functionality and design in a single form.

The integrated charger provides a constant power supply to the tablet without the need for visible cables, enhancing both the aesthetic and user comfort.



90° Rotation

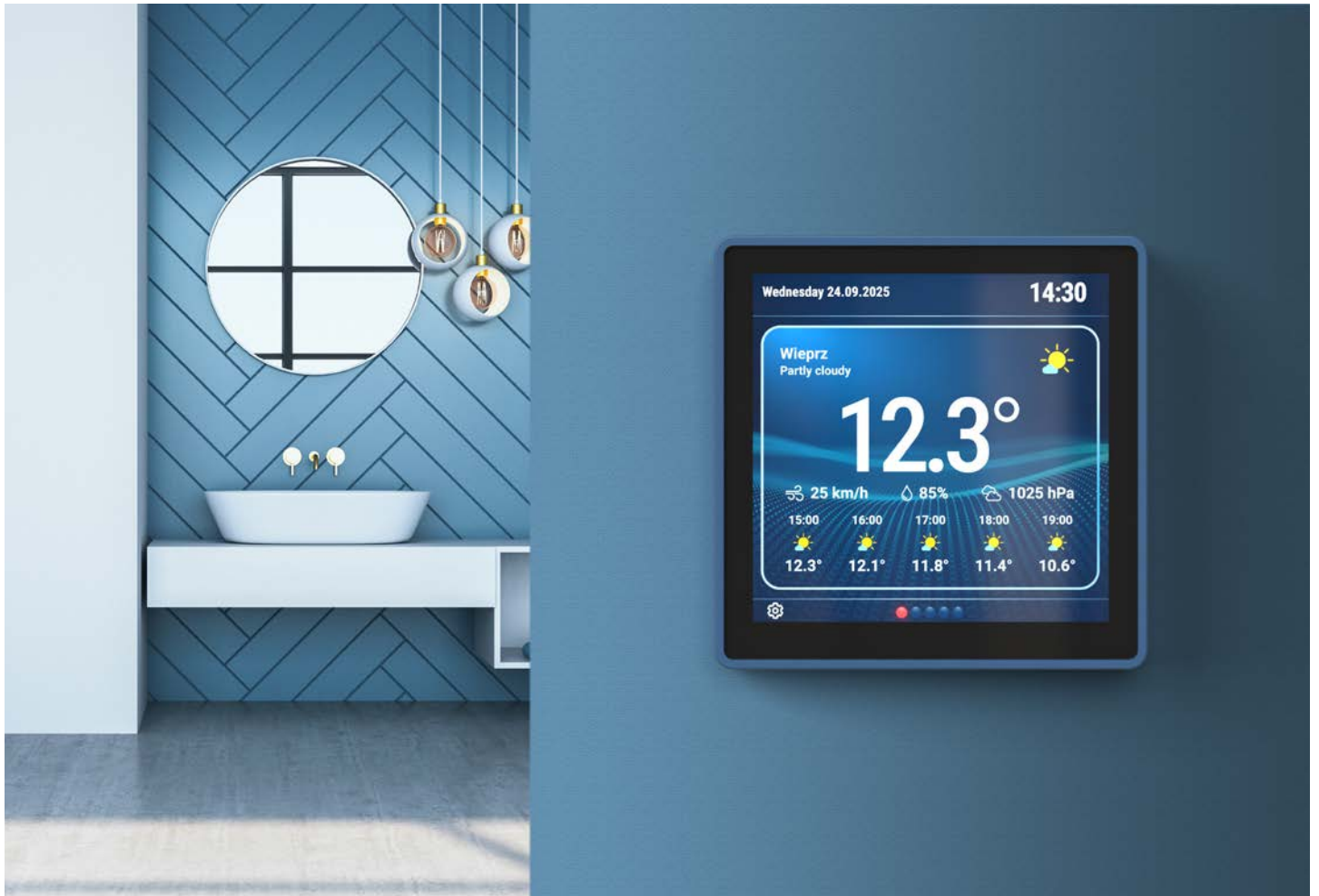


2 housing versions



CP-04

4" multifunctional panel with interchangeable frames



CP-04

Multifunctional panel with interchangeable frames

A modern 4-inch touch panel with interchangeable frames, serving as an intuitive control hub for your smart home or building automation. It allows for the configuration of up to 6 fully personalized screens, tailored to the user's specific needs and the function of the room. It seamlessly combines an elegant design with maximum functionality.

Key functions:

- Clear 4" color touchscreen
- Personalization of up to 6 screens for different rooms
- Rapid control of lighting, roller shutters, gates, sockets, and other devices
- Automation scene support (e.g., Leaving Home, Relaxation, Night, Movie Mode)
- Real-time weather display and forecast
- Alarm system control
- Sensor monitoring for the entire system (temperature, humidity, CO₂, window/door sensors)
- Precise temperature regulation with a view of both current and setpoint values



Configure to your needs



- Crystal-clear display
- Easy-to-read parameters
- Scene selection
- Real-time sensor data
- Alarm management
- 20 screen functionalities



Choose the perfect color scheme



We offer a carefully curated palette of RAL colors, allowing you to match the frame to any interior and style. Choose from subtle beiges, trendy greens, elegant navies, and deep shades of red.

Each color is accompanied by a descriptive name that captures its unique character, making your choice even easier:

	Ivory (RAL 1013) - bright, delicate, and timeless
	Warm Cashmere (RAL 7032) - a harmonious beige with a soft finish
	Grey Beige (RAL 1019) - a versatile, natural shade
	Warm Graphite (RAL 7006) - elegant and distinctive
	Pistachio (RAL 6019) - fresh and subtly pastel
	Sage (RAL 6021) - a green with a gentle, botanical tone
	Navy Blue (RAL 5000) - a classic, deep shade of blue
	Muted Peach (RAL 3012) - a warm, understated pink
	Emerald (RAL 6004) - a dark, jewel-toned green
	Dark Sage (RAL 6011) - an elegant, muted green
	Claret (RAL 3004) - a deep, classic red
	Wine (RAL 4004) - an intense, bold burgundy



CP-04 Slim

4" multifunctional panel



CP-04 Slim

Multifunctional panel

This modern 4-inch touchscreen panel serves as an intuitive control hub for your smart home or building automation. It allows for the configuration of up to 6 fully personalized screens, tailored to the user's specific needs and the function of the room. It seamlessly combines an elegant design with maximum functionality.

Key functions:

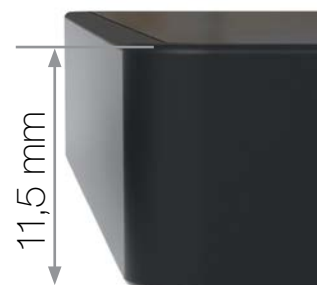
- Clear 4" color touchscreen
- Personalization of up to 6 screens for different rooms
- Rapid control of lighting, roller shutters, gates, sockets, and other devices
- Automation scene support (e.g., Leaving Home, Relaxation, Night, Movie Mode)
- Real-time weather display and forecast
- Alarm system control
- Sensor monitoring for the entire system (temperature, humidity, CO₂, window/door sensors)
- Precise temperature regulation with a view of both current and setpoint values



Dedicated electrical junction box included.



CP-04 Slim

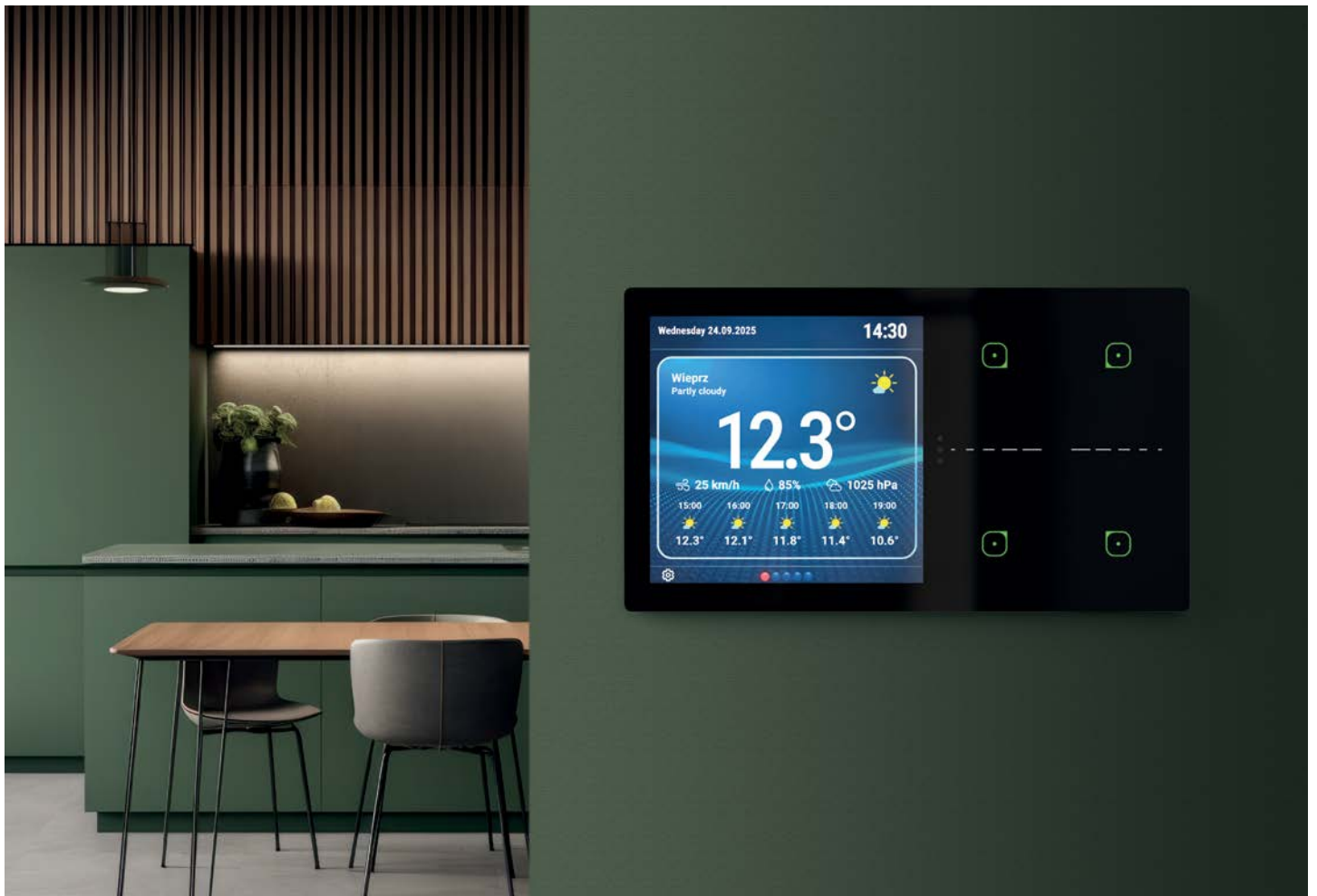


CP-04



CP-04S

4" multifunctional panel



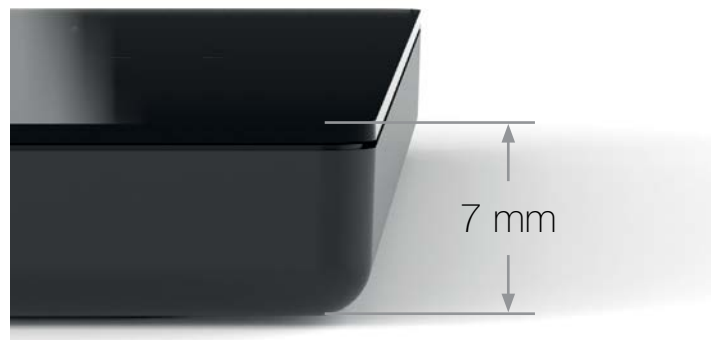
CP-04S

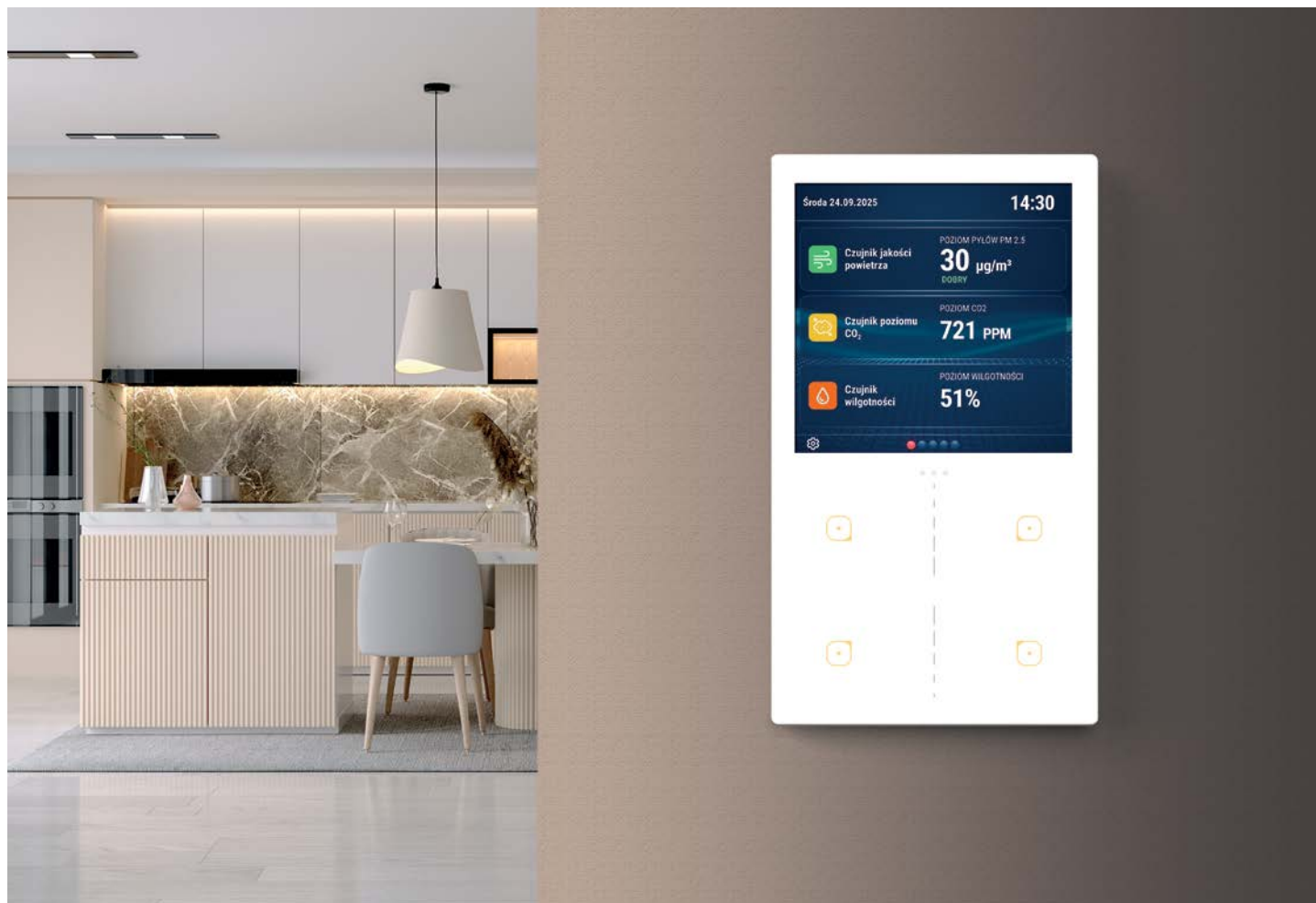
Multifunctional panel

This modern 4-inch touchscreen panel serves as an intuitive control hub for your smart home or building automation. Equipped with a responsive touchscreen and 4 programmable buttons, it provides quick and convenient access to your most frequently used functions. It allows for the configuration of up to 6 fully personalized screens, tailored to the user's specific needs and the function of the room. It seamlessly combines an elegant design with maximum functionality.

Key functions:

- Clear 4" color touchscreen
- 4 programmable buttons - quick activation of scenes or control over selected devices
- Personalization of up to 6 screens for different rooms
- Rapid control of lighting, roller shutters, gates, sockets, and other devices
- Automation scene support (e.g., Leaving Home, Relaxation, Night, Movie Mode)
- Real-time weather display and forecast
- Alarm system control
- Sensor monitoring for the entire system (temperature, humidity, CO₂, window/door sensors)
- Precise temperature regulation with a view of both current and setpoint values

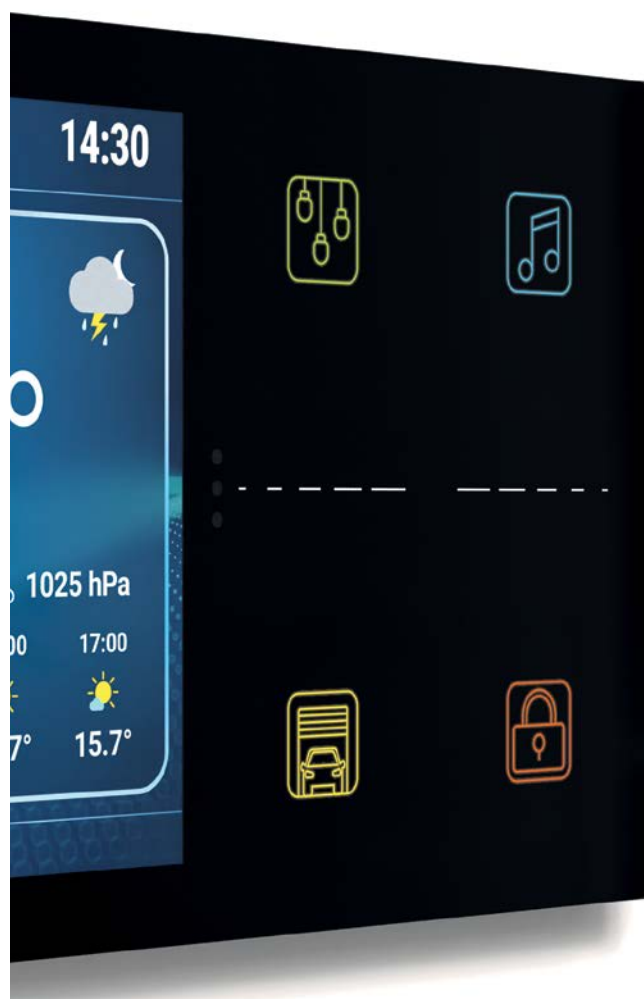




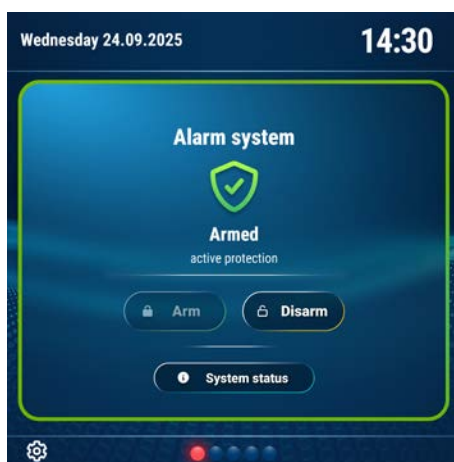
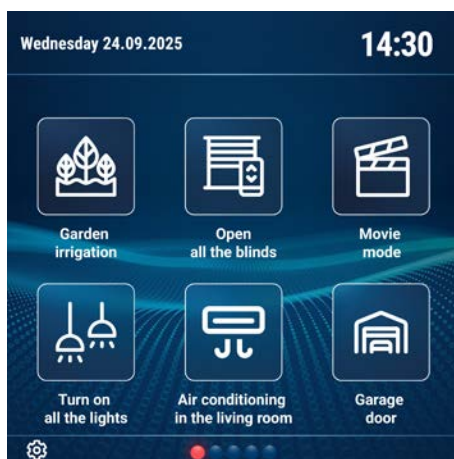
Panel personalization - your icons, your colors

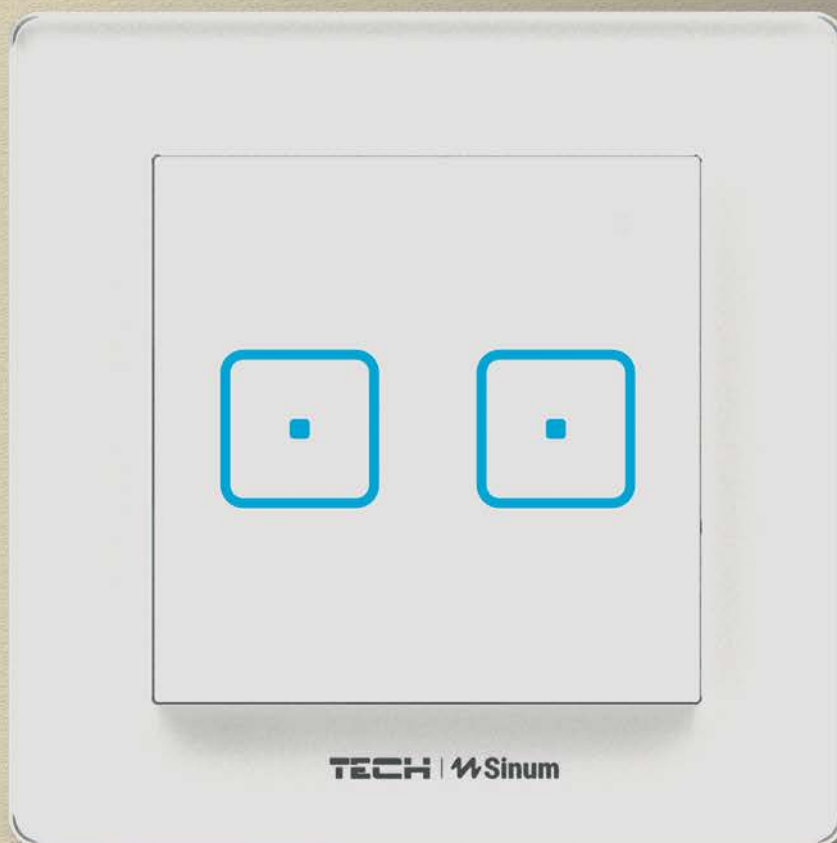
The multifunctional panel is a solution that offers more than just functionality—it gives you full creative freedom to match your individual needs. With advanced personalization options, you can create an interface that perfectly fits the character of your interior and reflects your personal style.

A key feature of this customization is the ability to personalize both the icons and their backlight. This not only allows for aesthetic harmony with your surroundings but, more importantly, enhances usability. Custom icons are easier to recognize, making the panel's operation even more intuitive. You can select symbols that best suit your preferences and assign them a backlight color that either complements your room's decor or simply provides the best clarity and visual comfort for you.



Sample screens for multifunctional panels





Frame

Frame-system devices
for mounting in 60 mm junction boxes



FRAME

In-frame devices

Add style and intelligence to your wall switches. Upgrade to the FRAME series to gain full control over roller shutters and lighting integrated with the Sinum smart home system.

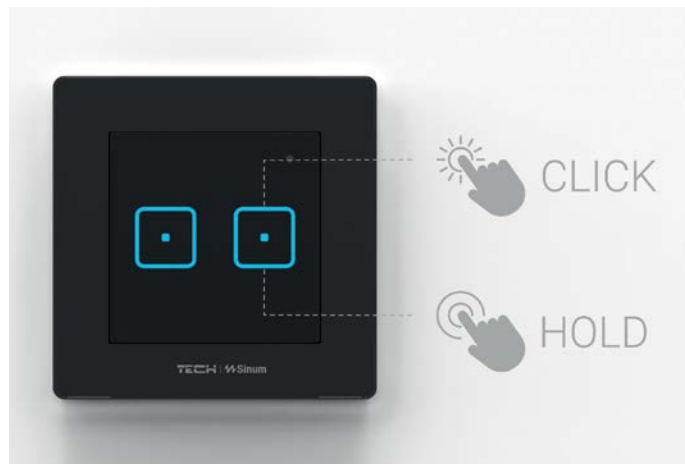
The FRAME range allows you to create customized device combinations tailored to your specific needs. Touch switches are equipped with 2 relays and sensor fields, enabling direct local control of lighting and shutters at the installation point. Once added and programmed into the Sinum central unit, you unlock remote control capabilities, automation scenes, and complex actions triggered by the switch.

The F-8z and FR-S2 room regulators offer the capability to connect a floor temperature sensor, allowing for simultaneous control of the ambient room temperature and the maintenance of the floor at a specific setpoint. They also include a protection feature to prevent the floor from overheating. Additionally, these devices feature built-in air humidity measurement. The FC-S1p and FC-S1m temperature sensors provide precise room temperature monitoring, while the FC-S1m model also measures air humidity for comprehensive environmental data.



Details matter: Create your own button backlight effect!

Button backlighting is a subtle yet essential element that draws the eye and gives the interface a unique character. With the ability to change the backlight color, you can tailor this effect to your specific needs, creating a cohesive design that makes your panel stand out. Choose the hue that best fits your style and ensure that every detail leaves a lasting impression.



Dual function switch

CLICK Function (quick press):

A single, quick press of the button activates the primary function of the device, working just like a classic light switch. The CLICK function ensures simple and intuitive operation.

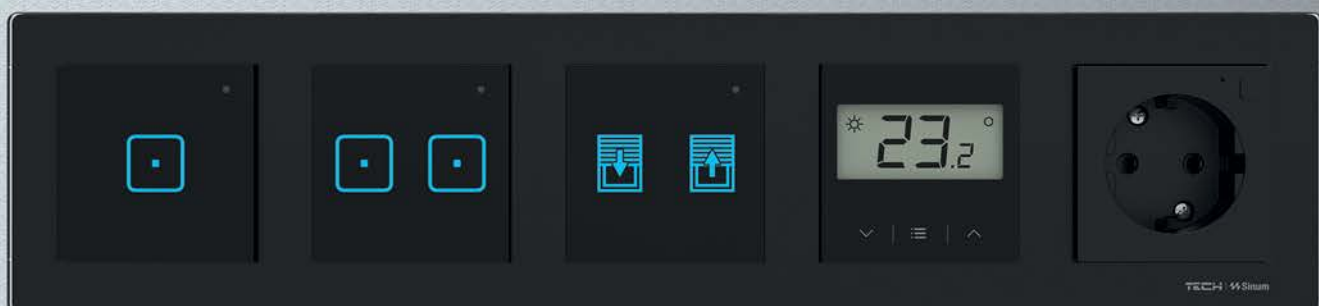
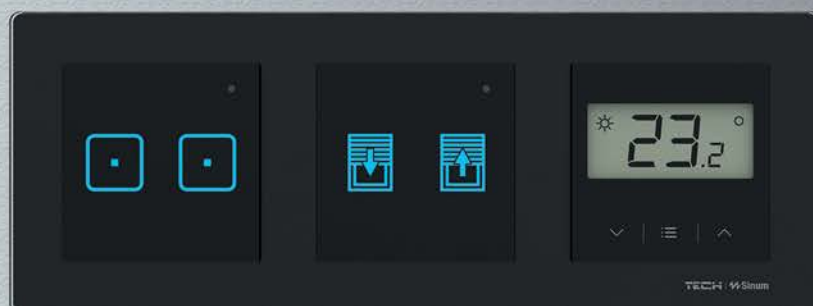
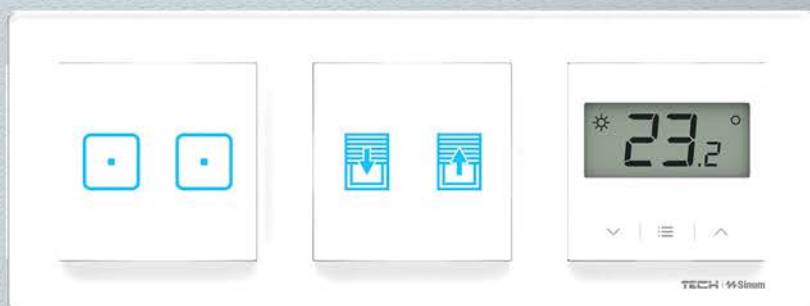
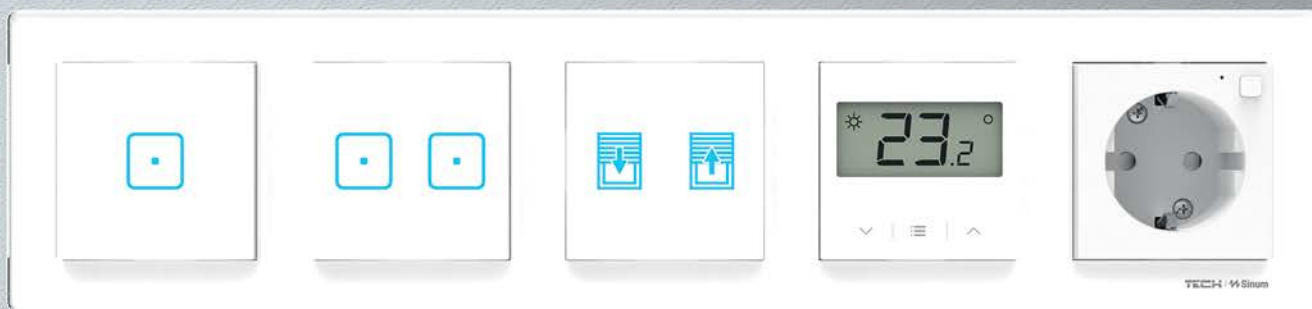
HOLD function (long press):

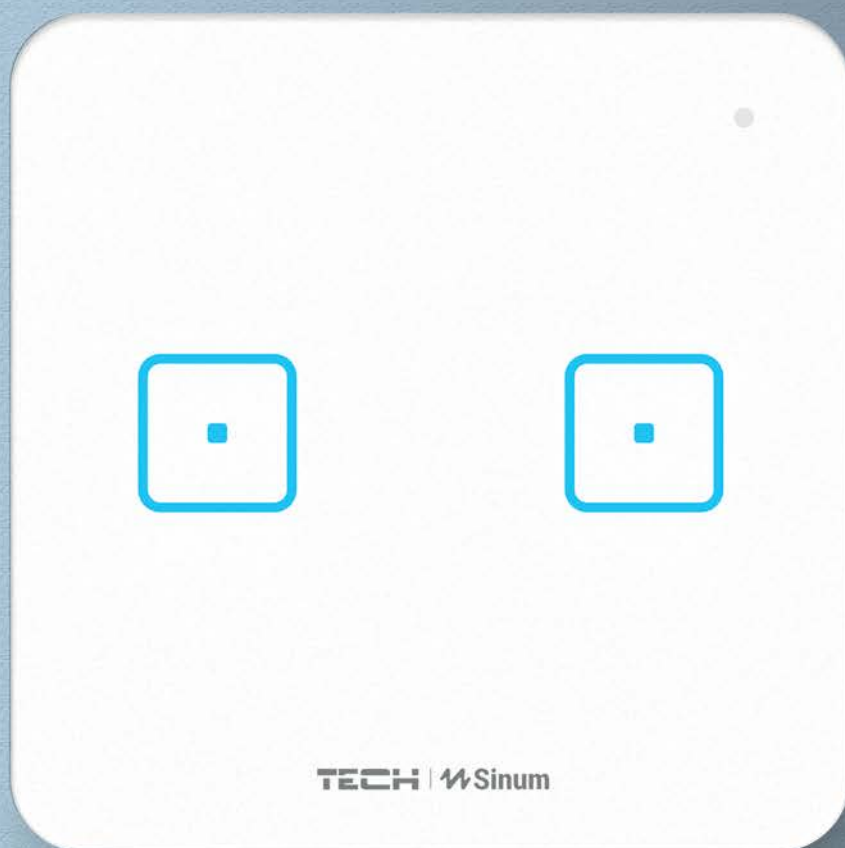
Holding the button for a longer duration (e.g., 2 seconds) activates a pre-assigned custom function or automation scene.

Color in your hands: Match the look to your style!!

With the ability to change colors, you can fully personalize elements to suit your taste. Choose the hue that best captures the character of your project and create a cohesive, unique design.

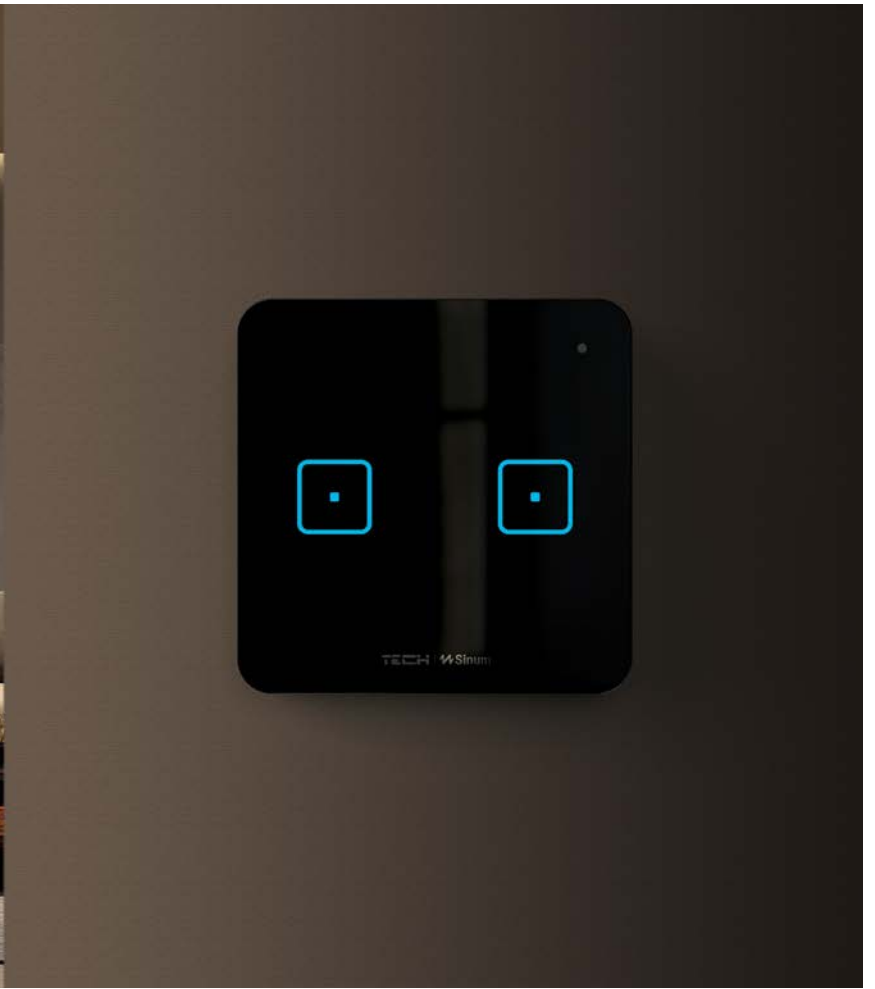






Single

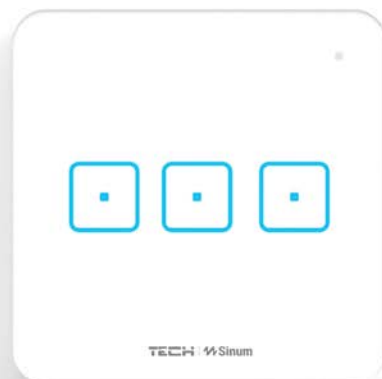
Glass switches mountable in a 60mm electrical box

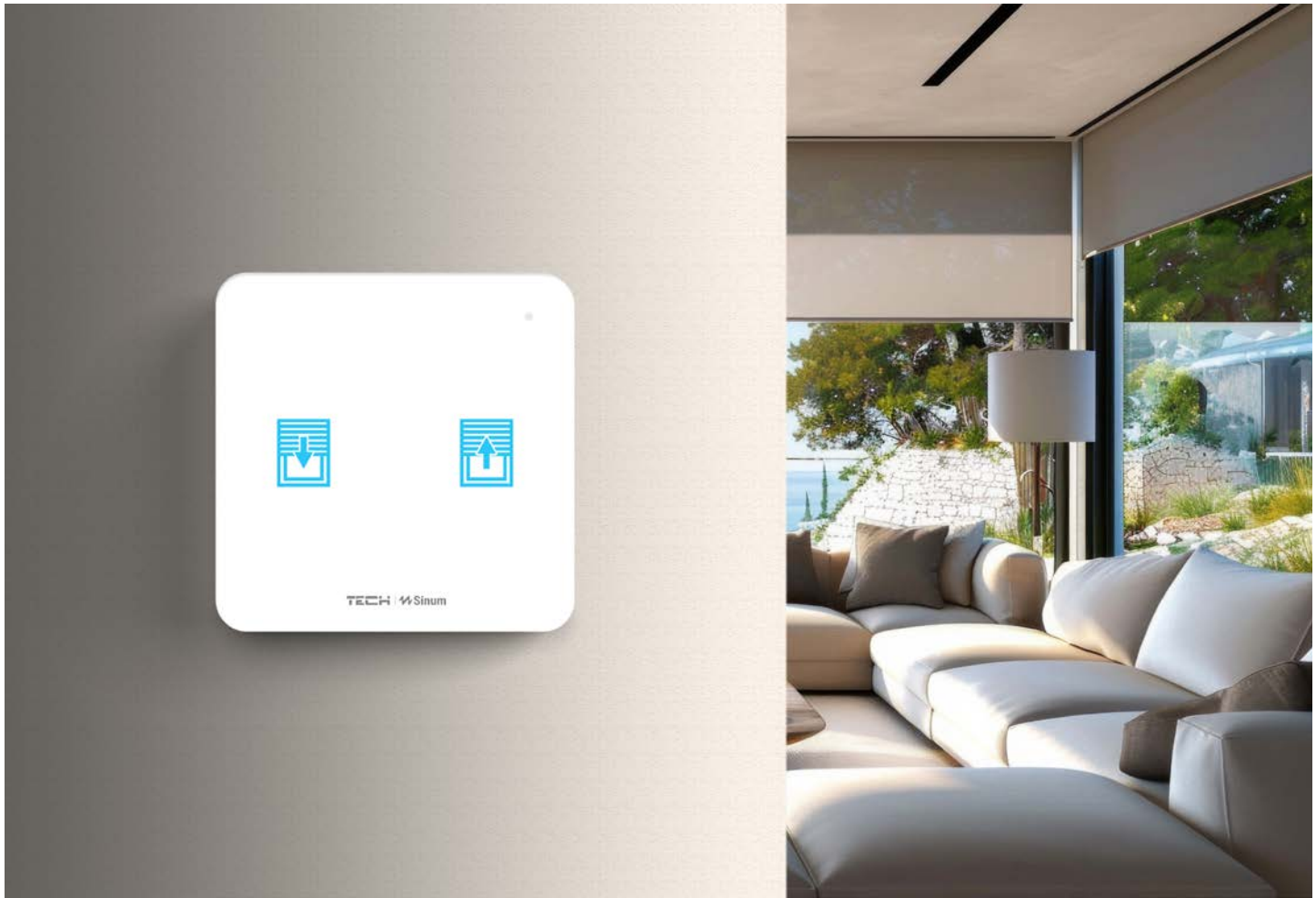


WS

Light switches

Our touch-sensitive switches are available in versions with 1 to 6 sensor fields. Depending on the model, they allow for lighting control via built-in voltage outputs (max. 2) or through external relay modules (installed in junction boxes or on a DIN rail). The additional programmable sensor fields can be used to trigger automation scenes, run pre-set actions, or operate other devices through the system's relay modules.





WZ

Roller shutter/blind switches

The glass touch switches from our SINGLE series allow you to manage roller shutters and blinds integrated into the Sinum smart home system.

These touch-sensitive switches are equipped with 2 sensor fields, enabling direct control of shutters via built-in voltage outputs. Once the WZ switch is added and programmed into the Sinum central unit, you gain access to remote control capabilities, the creation of automation scenes, and custom actions triggered by the device.





R-S3

Wired room regulator

The R-S3 regulator features a clear, glass-front touch display. It is equipped with a built-in humidity sensor and supports floor temperature measurement (when used with an NTC sensor).

The device transmits real-time temperature data to the Sinum central unit, which compares the current reading with your setpoint to manage heating or cooling systems. Thanks to the heating/cooling mode, you can maintain the perfect indoor climate year-round.



C-S1m

Temperature sensor

The C-S1m is a room sensor designed for the precise measurement of both temperature and air humidity. The device integrates seamlessly with the Sinum central unit, transmitting real-time environmental data via SBUS wired communication.

The sensor also supports floor temperature measurement (when connected to an external NTC sensor). Based on the data provided by the C-S1m, the Sinum central unit intelligently manages heating or cooling systems to ensure optimal comfort and stable indoor conditions.



MC

Multisensor

The MC-01 Multisensor is a versatile device that combines multiple monitoring functions into one compact unit. This sensor allows for the precise measurement of:

- VOC concentration (Volatile Organic Compounds)
- Air temperature
- Air humidity
- Atmospheric pressure

The MC-02/MC-02m Multisensor is an advanced room regulator featuring an integrated display. In addition to climate control, it monitors and visualizes comprehensive environmental data, including:

- CO₂ concentration (Carbon Dioxide)
- VOC concentration (Volatile Organic Compounds)
- Air temperature
- Air humidity
- Atmospheric pressure

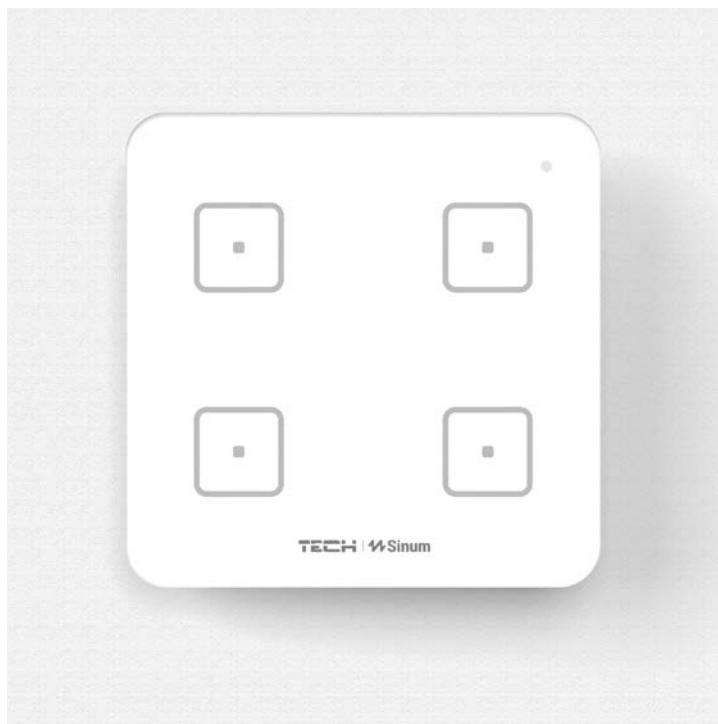


WP-04

Programmable switch

The WP-04 is a quad programmable switch featuring four touch-sensitive sensor fields. Each field can be independently programmed to control a different device—such as turning on lights - or to trigger a specific automation scene.

For installation convenience, the switch comes with a mounting bracket that can be easily attached to a standard 60 mm electrical junction box or mounted directly onto the wall.



SG-230

Controlled socket with power and energy measurement

The SG-230 is a smart electrical socket designed for flush-mount installation in a standard 60 mm junction box, featuring an elegant glass front. It enables remote switching of connected devices via the Sinum central unit using the WTP (868 MHz) wireless communication system.

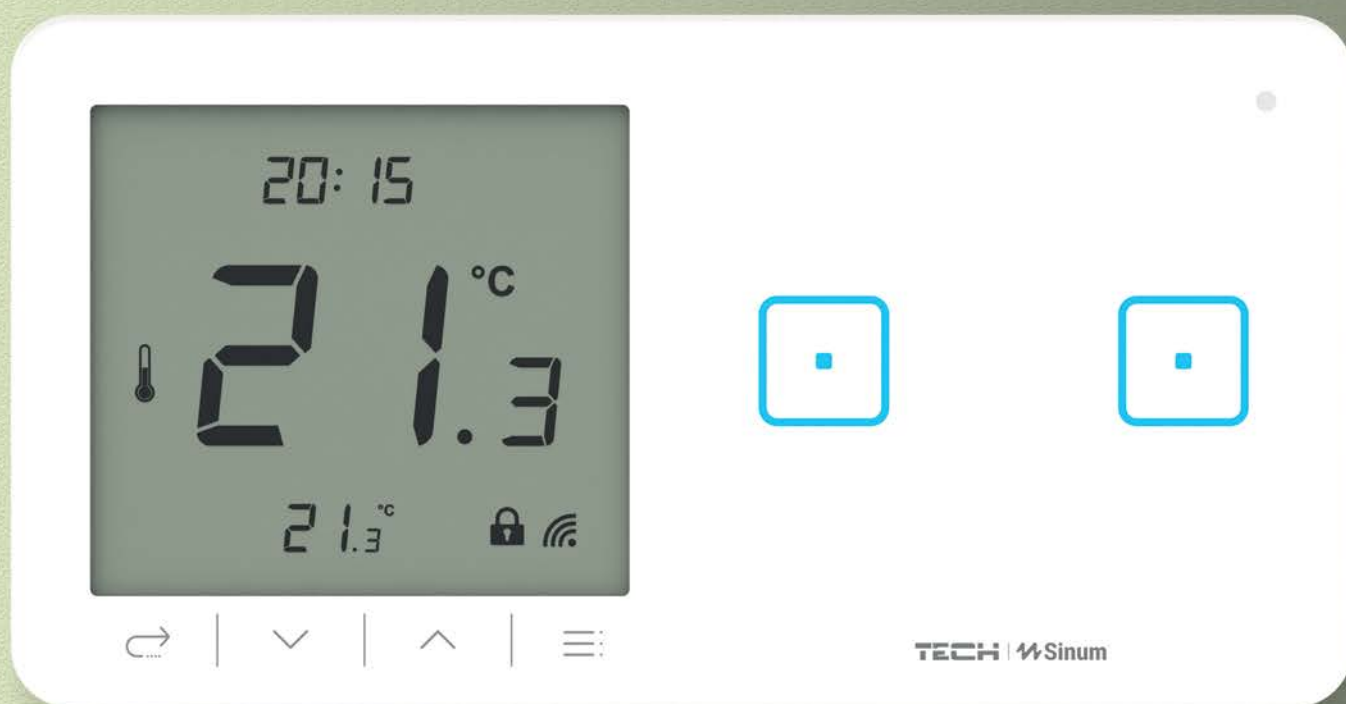
The socket transmits its current operational status to the central hub, allowing for the automatic control of electrical appliances and the creation of custom automation scenarios within the Sinum app - such as time-based schedules or manual remote control.



EX-G1

Extender

The EX-G1 is a specialized device designed to expand the signal range of peripheral devices, allowing you to increase the overall coverage of your smart home system. Its primary role is to receive data from connected devices and transmit it via Wi-Fi to the main Sinum central unit. In addition to its communication functions, the EX-G1 also serves as a fully functional electrical socket.



Double

Integrated glass switches,
mountable in a double electrical box (60mm)



WSR Light switch + room regulator

WZR Roller shutter controller + room regulator

WSS Light switch

WSZ Light switch + roller shutter controller

WSG Light switch + electrical socket

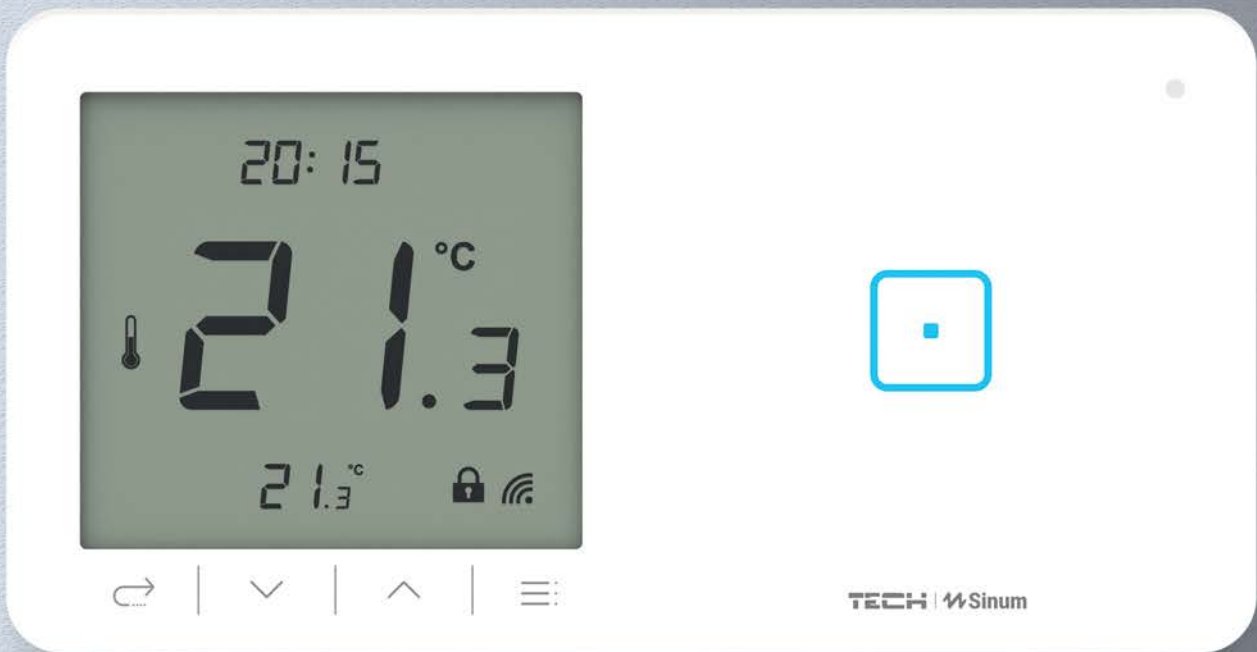
Touch switches are equipped with sensor fields. They enable the control of lighting or roller shutters using two built-in voltage outputs. The remaining fields are virtual fields used for managing scenes, actions, or other devices. Room regulators have the capability to connect a floor temperature sensor and can control both the room temperature and maintain the floor temperature at a set level. You can also protect the floor from overheating. The devices also have built-in air humidity measurement. The switch features a built-in LED that indicates the device status (on/off). It is possible to change the backlight color and brightness from the Sinum application.

WSG is a combination of a light switch (2 fields) and a power socket, which is either non-controllable (WSG-02m) or controllable (WSG-02).



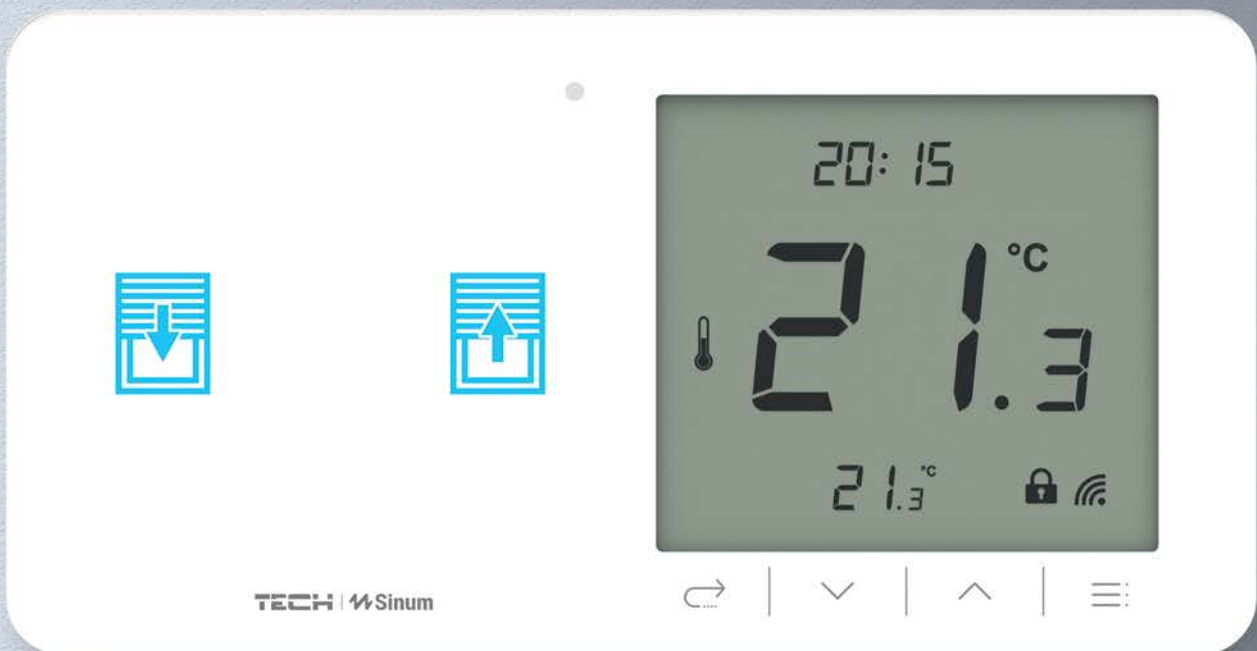
WSR-01

Light switch + room regulator



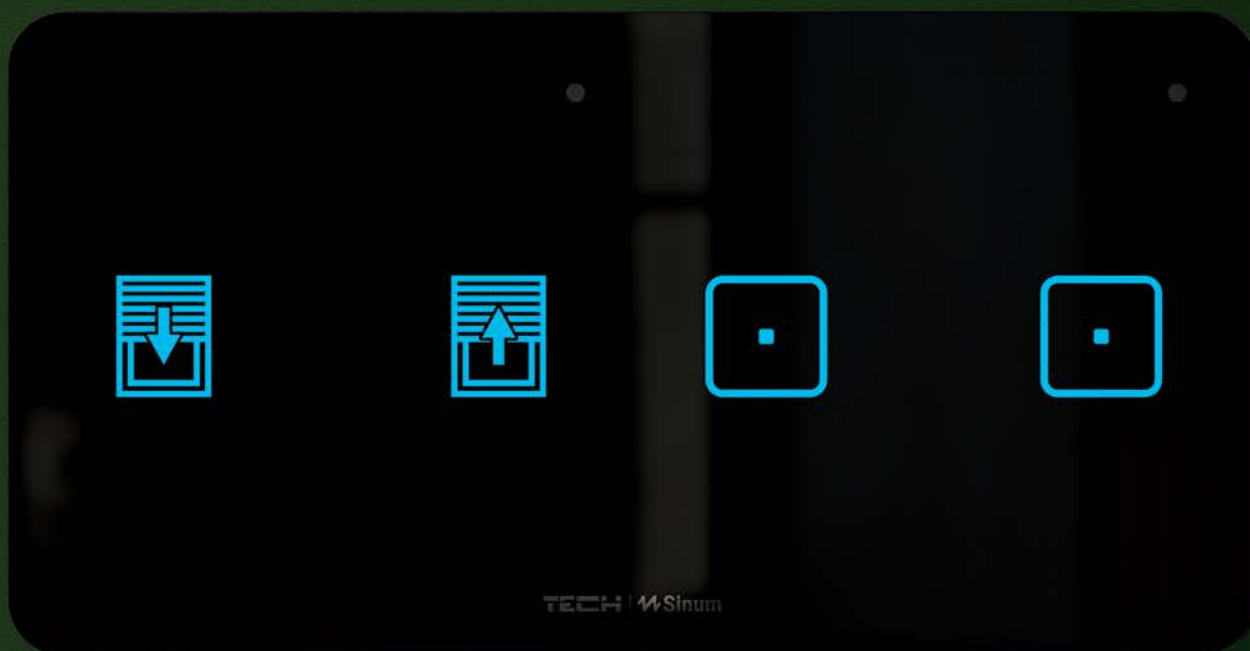
WZR-02

Roller shutter controller + room regulator



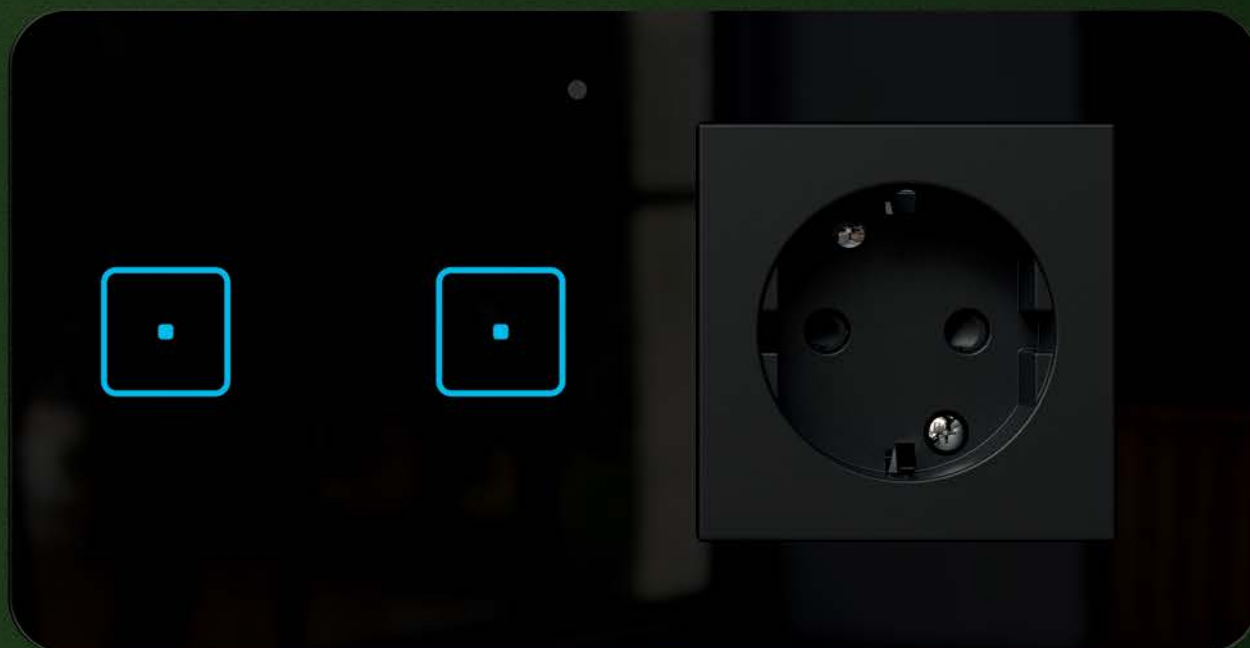
WSZ-22

Light switch + roller shutter controller



WSG-02

Light switch + electrical socket





Additional devices

CJP-01

Air quality sensor

The device monitors the concentration of particulate matter contained in the air in the room where it is located.

When the critical values are exceeded, it sends information. The large color display shows the air parameters on an ongoing basis. In addition, it displays the current temperature and air humidity from the sensor included in the set. Ensure the right air quality by combining the CJP-01 sensor with recuperation system using the Sinum central unit.



CR-01

Motion, light, temperature and humidity sensor

The CR-01 motion sensor is a device which enables the user to control motion, light intensity, temperature and the air humidity level in the room. Each of these parameters can be used while creating scenes and automations. Use the motion sensor for switching on the light and the light sensor for controlling outdoor lighting or roller shutters. The temperature sensor will help maintain ideal temperature in a given room.



COB-01

Occupancy sensor

The COB-01 sensor is a microwave detection device capable of sensing very subtle movements, such as chest motions. It is suited for applications requiring not only motion detection but also presence monitoring, for example in alarm systems or automatic lighting control. The sensor features high sensitivity and, after movement ceases in the detection zone, it switches off the connected device after a time set by the user.



CD-01

Smoke sensor

Feel safe with a CD-01 smoke sensor. The device is equipped with a sensor that enables early detection of smoke. Detecting smoke may be programmed to trigger the siren informing your about the danger.



EU-C-2n

Opening sensor

The EU-C-2n wireless opening sensor is a device which informs the system if a given window is open. This information may be used for heating control - turning off the heating while airing out the rooms. The sensor may be installed both on a window and on the door and it may be used in automations or scenes. The device is available in 4 colours: white, golden oak, anthracite and brown.



BT-01

Button

The BT-01 wireless button may be used e.g. for turning off all the lights in the house when you leave or when you go to sleep. A pre-set number of presses allows your to trigger a particular scene or automation. It can serve to turn the lights on or off, control roller shutters or any device or group of devices connected to the Sinum system.

The BT-01 button is a wireless device which can be used anywhere in your house.



RC-05

Wireless remote control with a display

Wireless remote control RC-05 is a device that, once connected to the Sinum central unit, can be programmed to trigger any scenes, for example, opening or closing all roller shutters or opening/closing the gate. It can also be used to control devices communicating via the HTTP protocol, such as playing your favorite music. It has 5 programmable buttons available. Additionally, it features a numeric display showing up to 20 channels. Each channel can have its own functions.



CZ-01

Flood sensor

Protect your home against flooding with a CZ-01 flood sensor. The sensor is placed on the floor and in the event of flooding it sends a signal to the main module. You can put it directly on the surface as well as use the CZS-01 probe to detect room flooding. A flooding signal may be programmed to trigger an automation which will cause the water valve to close, preventing your house from further damage.



ZO-15 / ZO-20 / ZO-25

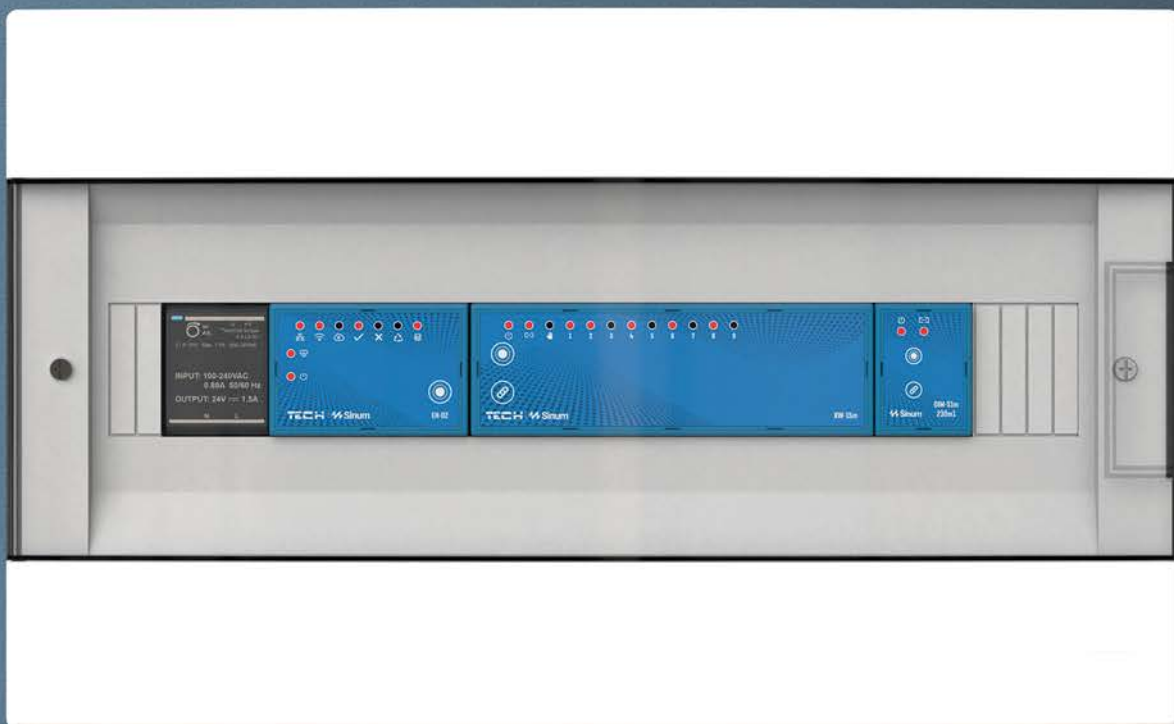
Shut-off solenoid valve for water

The shut-off solenoid valve for water allows control of water flow in the system. Within the Sinum system, this enables the creation of automation to protect your home from flooding. Simply connect the valve to a relay, such as the PS-02, and use a CZ-01 flood sensor while configuring dependencies in the Sinum system.

The valves are available in three sizes:

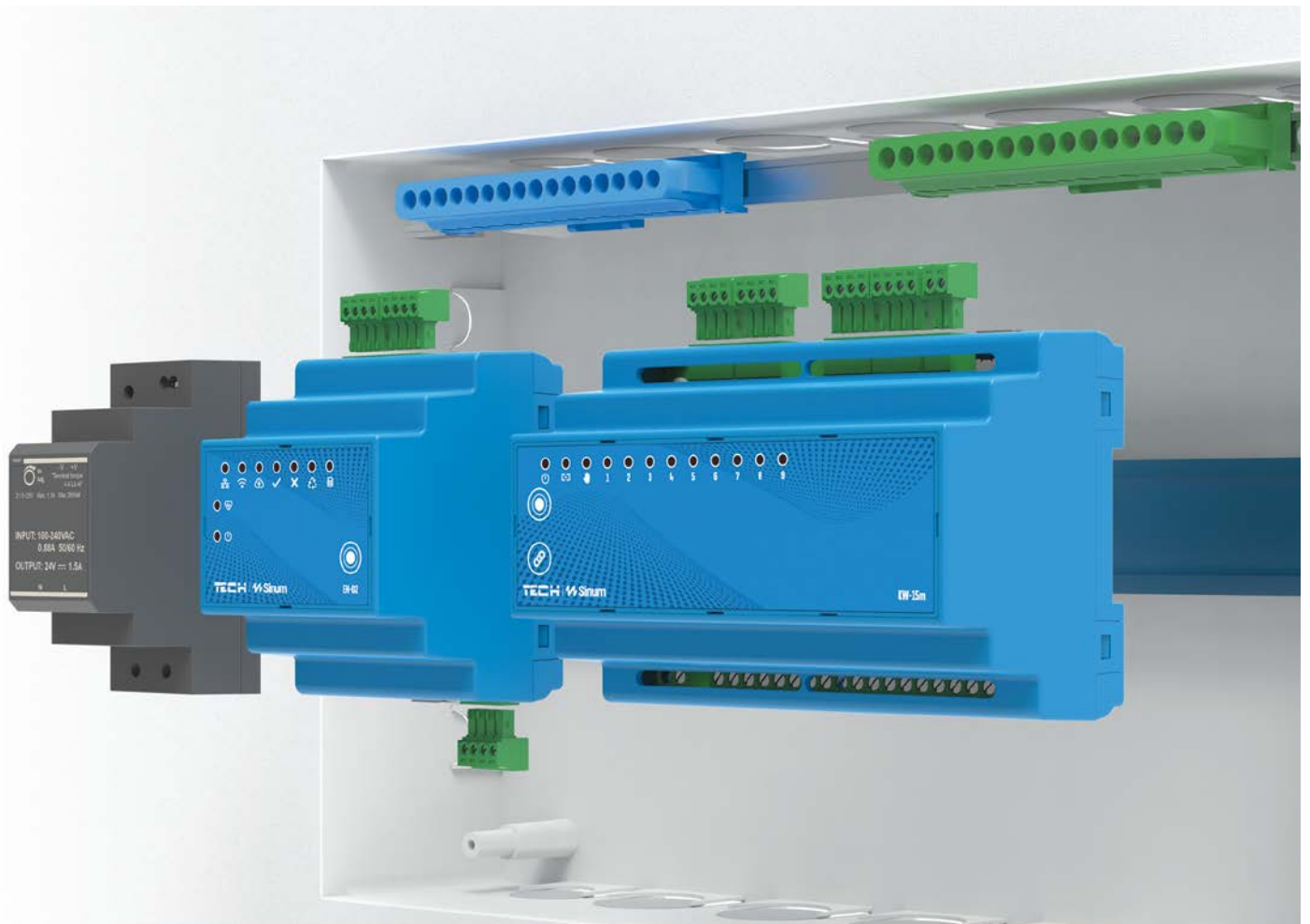
- ZO-15 - 1/2" DN15,
- ZO-20 - 3/4" DN20,
- ZO-25 - 1" DN25.





Relay modules

DIN rail modules



DIN rail relay modules

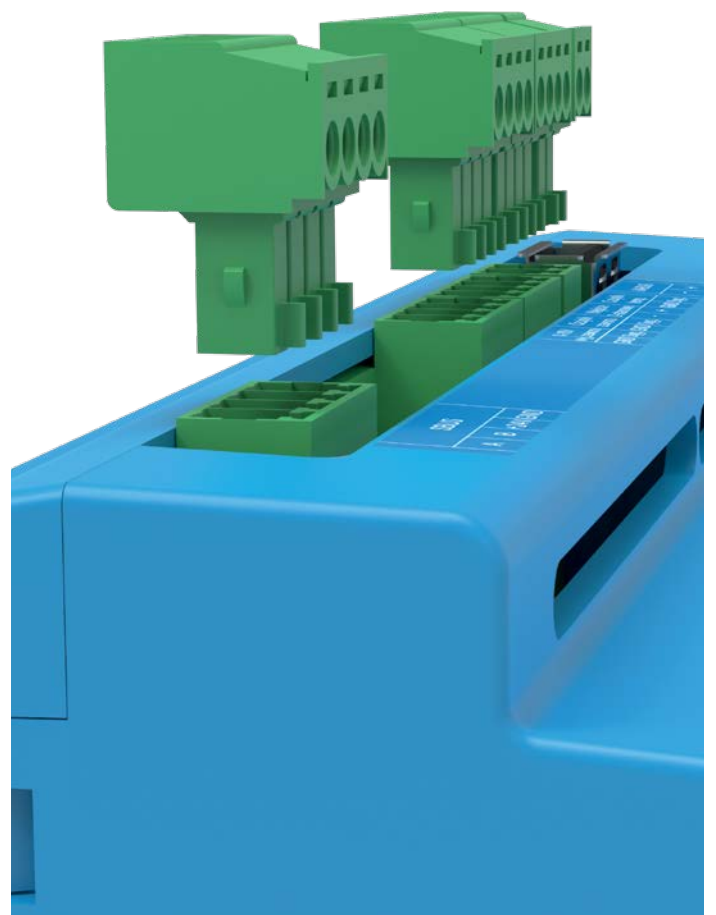
In a modern smart home, the brain of the system needs reliable executors. Sinum relay modules mounted on a DIN rail are a professional solution for those who value organization, centralization, and maximum control over their electrical installation.

Why choose distribution board mounting?

Installing modules on a DIN rail (TH35) is the standard in modern construction. This solution keeps all automation components concentrated in one place, which simplifies servicing, ensures better cooling for devices, and allows for the aesthetic concealment of control electronics.

Selected DIN rail modules:

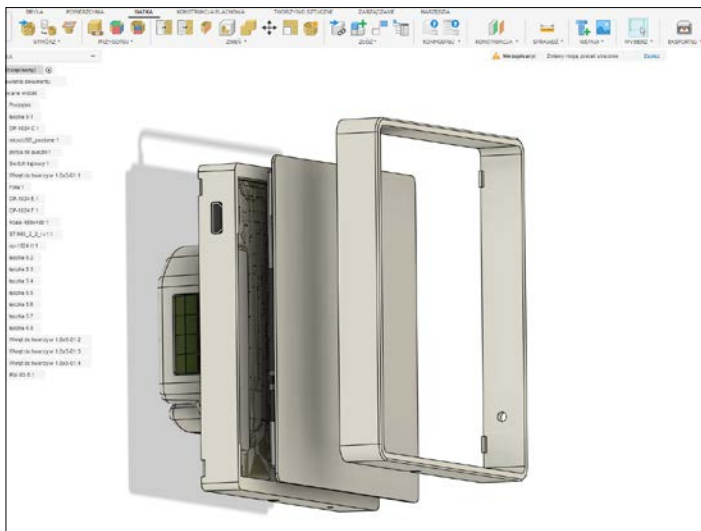
- Sinum central units
- Voltage / Voltage-free relay
- Roller shutter relays
- Input/Output cards
- Gate modules
- Extenders
- 24V Power supplies
- Bidirectional energy meter



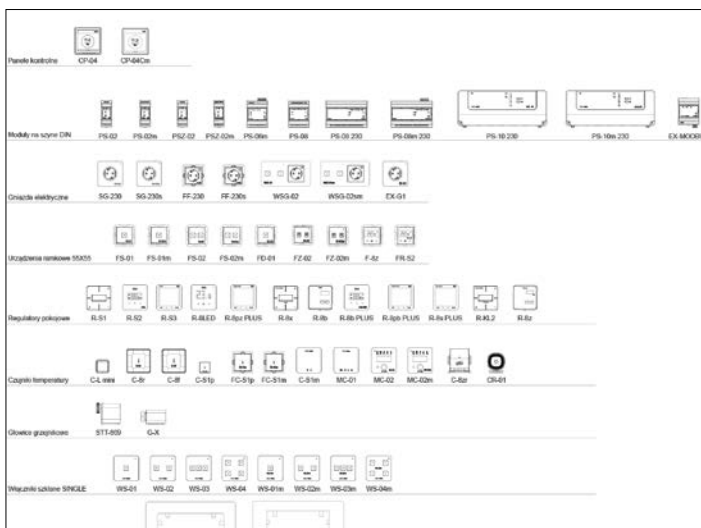
Materials for designers and architects.



Product Catalog Sinum



Database of 2D/3D device models



Model icons for electrical diagrams



TECH
CONTROLLERS



TECH STEROWNIKI II

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