




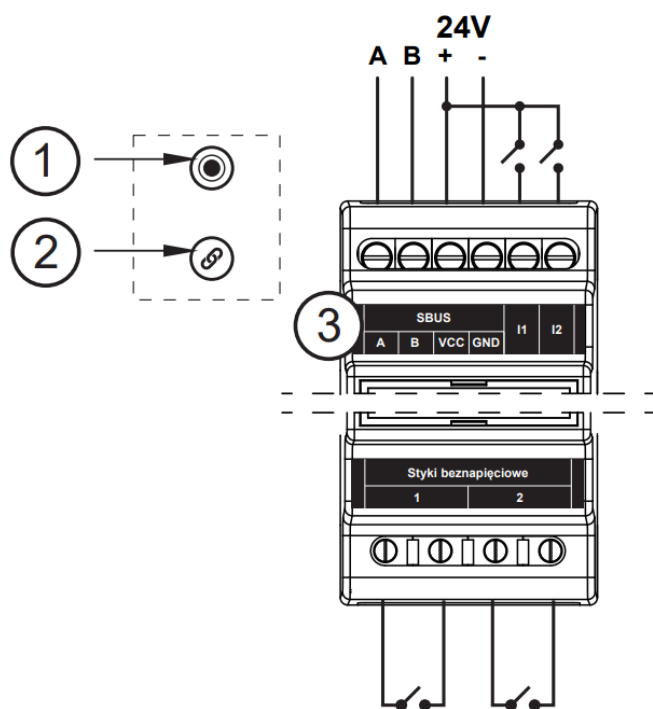
TECH Sinum PS-02m DIN Rail Relay User Guide

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TECH Sinum PS-02m DIN Rail Relay User Guide





The PS-02m module is an electronic device equipped with 2 independent voltage-free relays enabling the user to control 2 independent devices. It is designed to be mounted on a DIN rail. It communicates with the Sinum central device by wire.



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Description

-  Power supply
-  Communication
- 1,2 Current status of the voltage-free output (ON/OFF)

Manual mode

In order to switch to the manual operation mode, press the **manual operation button 1**.

The **registration** button 2 is used to switch between the controlled outputs in the manual mode. Using the button 1 (pressing it once), the user forces a change of the status (ON / OFF) – if the process has been successful, it is confirmed by a light signal from the LED labelled 1-2. When the manual mode is on, it is impossible to control the contact via the website or the application. To disable the manual operation mode, press and hold the button 1 again and hold it for 1-2 seconds. Once the manual mode has been switched off, all the output status LEDs go off and resume the state set in the Sinum application.

How to register the device in the sinum system

The device should be connected to the Sinum central device using the SBUS connector 3 , and then 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 > SBUS devices > + > Add device**. Then briefly press the registration button 2 on the device. 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

How to identify the device in the Sinum system

To identify the device in the Sinum Central, activate the Identification Mode in the **Settings > Devices > SBUS Devices > + > Identification Mode** tab and hold the manual operation button on the device for 3-4 seconds. The device used will be highlighted on the screen.

Technical data

Power supply	24V DC \pm 10%
Max. power consumption	1W
Maximum output load	5A (AC1)* / 200W (LED) 2A / 30V (DC1)**
Operation temperature	5°C ÷ 50°C
Acceptable ambient relative humidity	<80% REL.H

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

** **DC1 load category:** direct current, resistive or slightly inductive load.

Notes

TECH Controllers is not responsible for any damages resulting from improper use of the system. 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)

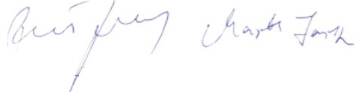
Hereby, we declare under our sole responsibility that the modul **PS-02m** is compliant with Directive :

- 2014/35/UE
- 2014/30/UE
- 2009/125/WE
- 2017/2102/UE

For compliance assessment, harmonized standards were used:

- PN-EN 60669-1:2018-04
- PN-EN 60669-1:2018-04/AC:2020-04E
- PN-EN 60669-2-5:2016-12
- EN IEC 63000:2018 RoHS

Wieprz, 10.10.2023



Paweł Jura Janusz Master
Prezesa 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



www.tech-controllers.com/manuals

Made in Poland

Service

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Documents / Resources



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PS-02m, Sinum PS-02m DIN Rail Relay, Sinum PS-02m, DIN Rail Relay, Rail Relay, Relay

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](#)
- [User Manual](#)

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