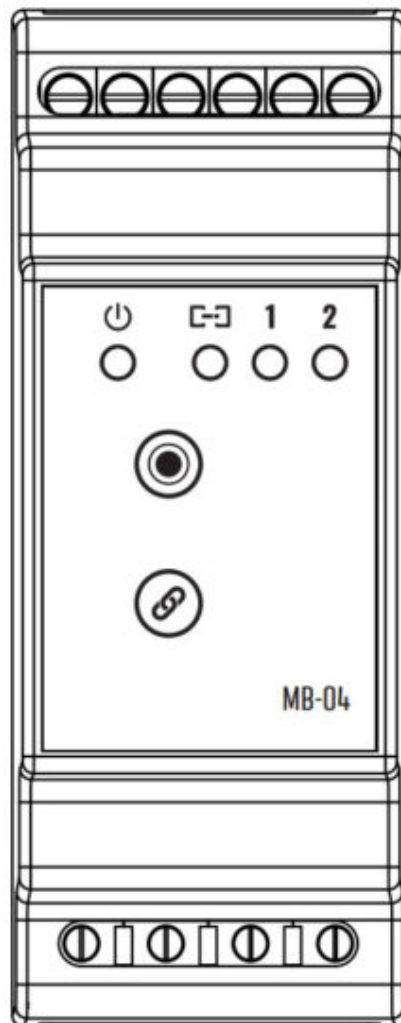




TECH MB-04 Blue Gate Module Owner's Manual

[Home](#) » [TECH](#) » TECH MB-04 Blue Gate Module Owner's Manual 



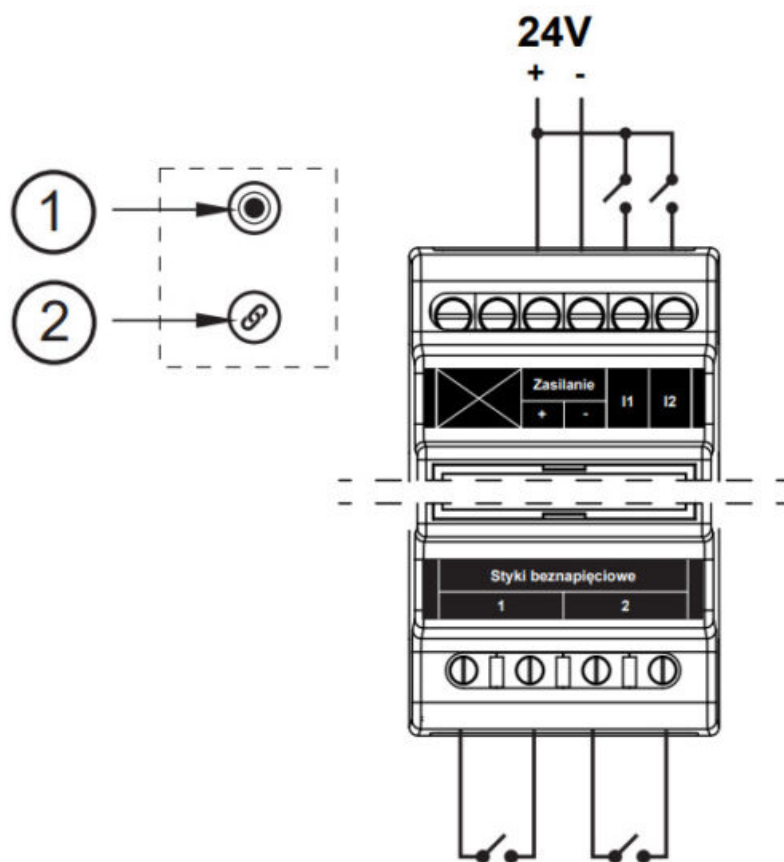
MB-04

www.sinum.eu

Contents

- 1 MB-04 Blue Gate Module
- 2 Description
- 3 Manual mode
- 4 How to register the device in the sinum system
- 5 Technical data
- 6 EU Declaration of conformity
- 7 Service
- 8 Documents / Resources
 - 8.1 References

MB-04 Blue Gate Module



Gate module MB-04 is an electronic device equipped with 2 voltage-free relays and 2 two-state inputs. The outputs and inputs of the device must be configured in the Sinum Central device. MB-04 is designed to be mounted on a DIN rail. Communication with the Sinum central device is wireless.

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

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 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.

Technical data

Power supply	24V DC $\pm$ 10%
Max. power consumption	1W
Maximum output load	2A (AC1)* / 2A (DC1)**
Operation temperature	5°C ÷ 50°C
Acceptable ambient relative humidity	<80% REL.H
Operation frequency	868 MHz
Max. transmission power	25 mW

* AC1 load category: 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 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.



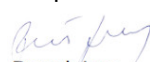
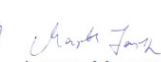
The product may not be disposed of to household waste containers. The user is obliged to transfer their used equipment to a collection point where all electric and electronic components will be recycled.

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 muodul MB-04 is compliant with Directive 2014/53/EU.

Wieprz, 01.03.2024


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



www.techsterowniki.pl/manuals



www.tech-controllers.com/manuals

Made in Poland

Service

tel: +48 33 875 93 80

www.tech-controllers.com

support.sinum@techsterowniki.pl



Documents / Resources

	TECH MB-04 Blue Gate Module [pdf] Owner's Manual MB-04 Blue Gate Module, MB-04, Blue Gate Module, Gate Module, Module
--	--

References

- [tech-controllers.com](http://www.tech-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](#)
-  [Soluția de acasă de economisire a energiei - producător de controlere I Tech-Controllers](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.