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TECH Sinum MB-04m Gate Module



Description

The MB-04m gate module is an electronic device equipped with two voltage-free relays and two binary inputs. The outputs and inputs of the device must be configured in the Sinum Central. The module is designed to be mounted on a DIN rail. Communication with the Sinum central system is done via a wired connection.

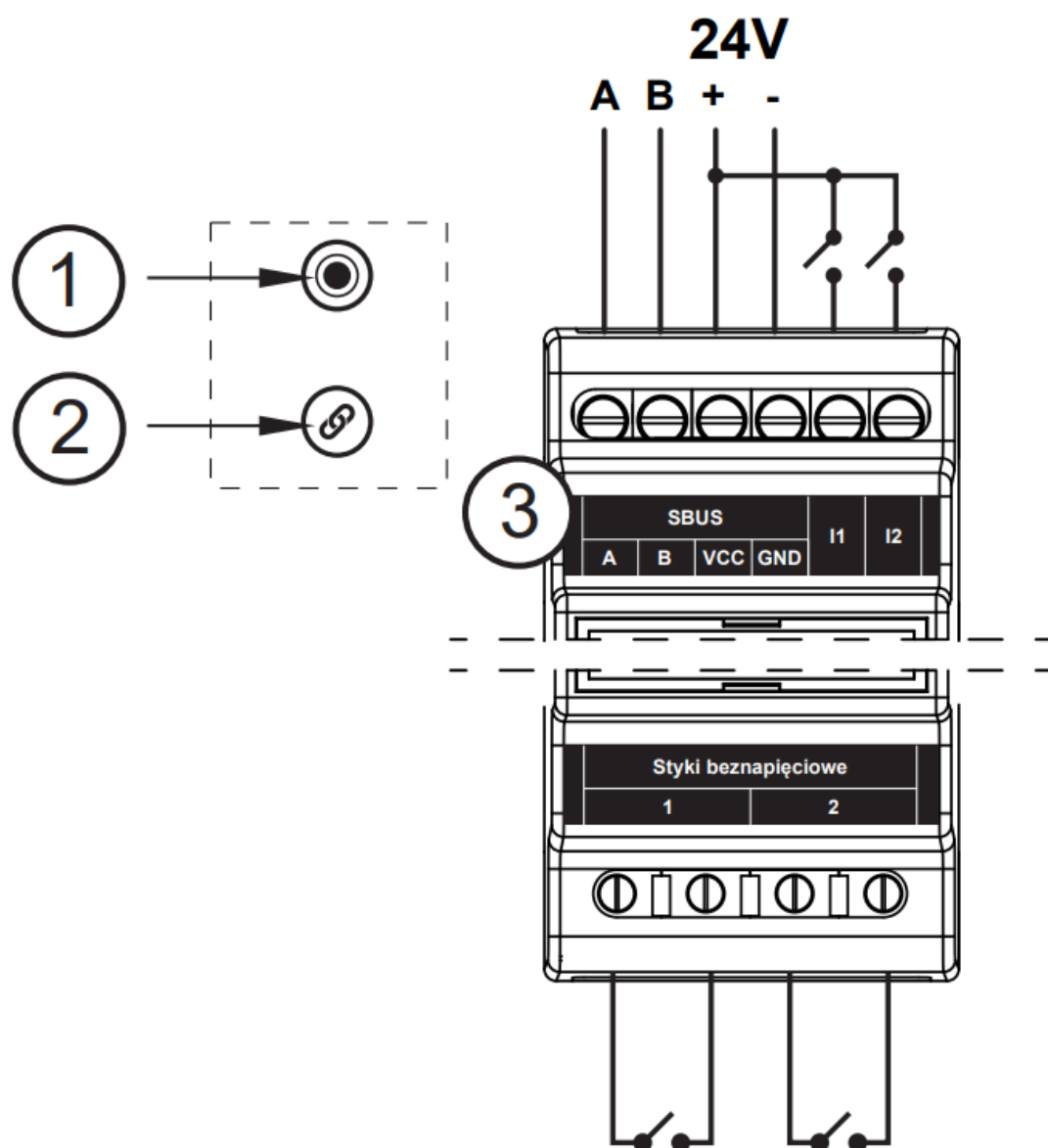
Manual Mode

To enable manual operation, press the manual operation button on the device. The magnitudes labeled 1, 2, and 3 correspond to specific functions:

1.  Power supply

2. ☐ Communication

3. **1, 2** Status of binary inputs



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

Specification	Details
Power supply	24V DC $\pm 10\%$
Max. power consumption	1W
Maximum output load	2A (AC1)* / 2A (DC1)**
Operation temperature	0°C to +45°C
Acceptable ambient relative humidity	20% to 90% RH

*AC1 load category: all resistive loads with a $\cos\phi$ of 0.95

**DC1 load category: all resistive loads with a time constant of less than 1ms

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 MB-04m is compliant with Directive :

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

For compliance assessment, harmonized standards were used:

TECH-Sinum-MB-04m-Gate-Module- (3)

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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Frequently Asked Questions

How do I identify the device in the Sinum system?

To identify the device in the Sinum Central, activate Identification Mode and hold the manual operation button for 3-4seconds. The device will be highlighted on the screen.

Documents / Resources

	<p>TECH Sinum MB-04m Gate Module [pdf] User Manual</p> <p>MB-04m, Sinum MB-04m Gate Module, Sinum MB-04m, Gate Module, Module</p>
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References

- [User Manual](#)

📄 Gate Module, MB-04m, Module, Sinum MB-04m, Sinum MB-04m Gate Module,

📁 TECH TECH

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