Sinum KW-10m Input Output Card Owner's Manual

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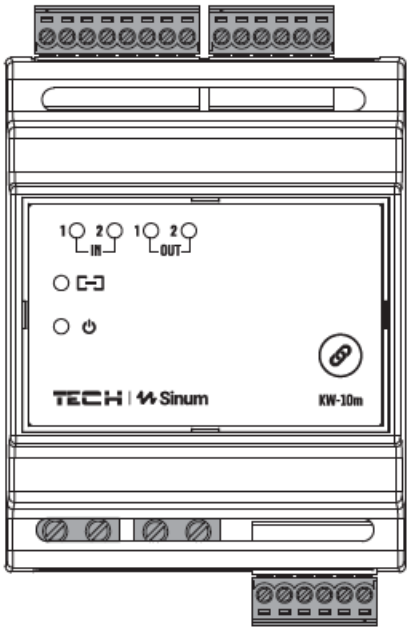
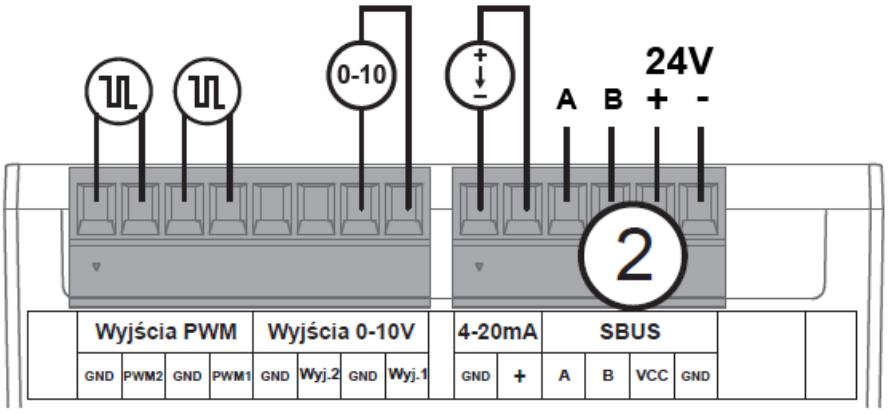
Sinum KW-10m Input Output Card

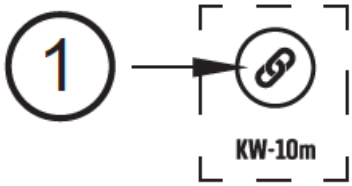


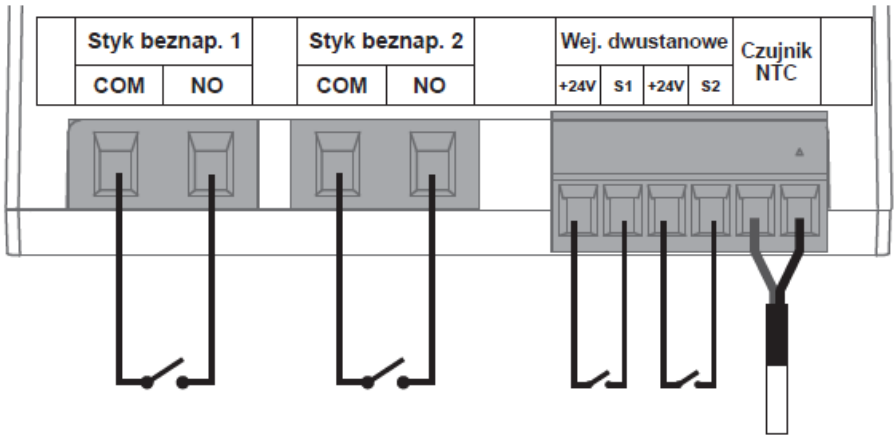
OWNER'S MANUAL

MODEL: KW-10m

www.sinum.eu







The KW-10m input / output card is a device that takes a part in the exchange of information between sensors and devices connected to the card and the Sinum Central device. KW-10m is equipped with:

- 2 x PWM output
- 2 x 0-10V output
- 1 x 4-20mA input
- 2 x Voltage-free contact
- 2 x Two-state input
- 1 x NTC sensor input

It is designed for mounting on a DIN rail. Communication with the Sinum central device is done by wire.

Description

- ⏻ – Power supply
- [–] Communication
- 1-2 IN – Current status of two-state input (ON/OFF)
- 1-2 OUT – Current status of the voltage-free output (ON/OFF)

How to register the device in the sinum system

The device should be connected to the Sinum central device using the SBUS connector 2, 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 1 on the device. After a properly completed registration process, on the screen will apear a window to define function of two-state input (button or two-state input). Additionally, at the end of registration, 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 registration button on the device for 3-4 seconds. The device used will be highlighted on the screen.

Technical data

- Power supply: 24V DC ±10%
- Max. power consumption: 1,5W
- Operation temperature: 5 ÷ 50°C
- Rated load of the voltage-free contact 1-2: 230V AC / 0,5A (AC1)*
- NTC Sensor thermal resistance: -30 ÷ 50°C
- Dimmensions [mm]: 69 x 89 x 65
- Communication: Wired (TECH SBUS)
- Installation: on DIN TH35 rail

* 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 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 input / output card KW-10m 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 IEC 60730-2-9:2019-06
- PN-EN 60730-1:2016-10
- EN IEC 63000:2018 RoHS

Wieprz, 01.07.2024

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
Wyprodukowano w Polsce

FAQ:

How do I register the device in the Sinum system?

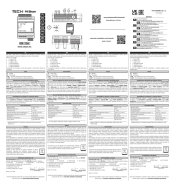
To register the device in the Sinum system, follow these steps:

1. Activate Identification Mode in Settings > Devices > SBUS Devices > + > Identification Mode tab.
2. Hold the registration button on the device for 3-4 seconds.
3. The device will be highlighted on the Sinum Central screen.

What is the AC1 load category mentioned in the product manual?

The AC1 load category refers to single-phase, resistive, or slightly inductive AC loads that can be safely connected to the device without exceeding its specifications.

Documents / Resources

	Sinum KW-10m Input Output Card [pdf] Owner's Manual KW-10m Input Output Card, KW-10m, Input Output Card, Output Card, Card

References

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- reg.com
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- Sinum - TECH Controllers
- Intelligent heating, smart heating solutions - manufacturer of controllers | TECH Controllers
- Manuals - TECH Controllers
- TECH Controllers - Teplo ve Vašem domě
- Tech Controllers
- TECH Controllers - Teplo vo Vašom dome
- User Manual