Manuals+ — User Manuals Simplified.

TECH CONTROLLERS KW-11m Input Card Instruction Manual

Contents

TECH CONTROLLERS KW-11m Input Card

Product Information

- The KW-11m input card is a device designed for mounting on a DIN rail.
- It facilitates the exchange of information between sensors, connected devices, and the Sinum Central device through wired communication.

Product Usage Instructions

- Power supply: Indicates power status.
- Communication 1-4: Indicates communication status with connected devices.
- Two-state inputs status: Indicates the status of two-state inputs.
- Activate the Identification Mode in Settings > Devices > SBUS Devices > + > Identification Mode tab.
- Hold the registration button on the device for 3-4 seconds.
- The highlighted device will appear on the screen.

Introduction

- The KW-11m input card is a device that takes part in the exchange of information between the sensors and devices connected to the card and the Sinum Central device.
- It is designed for mounting on a DIN rail. Communication with the Sinum central device is done by wire.
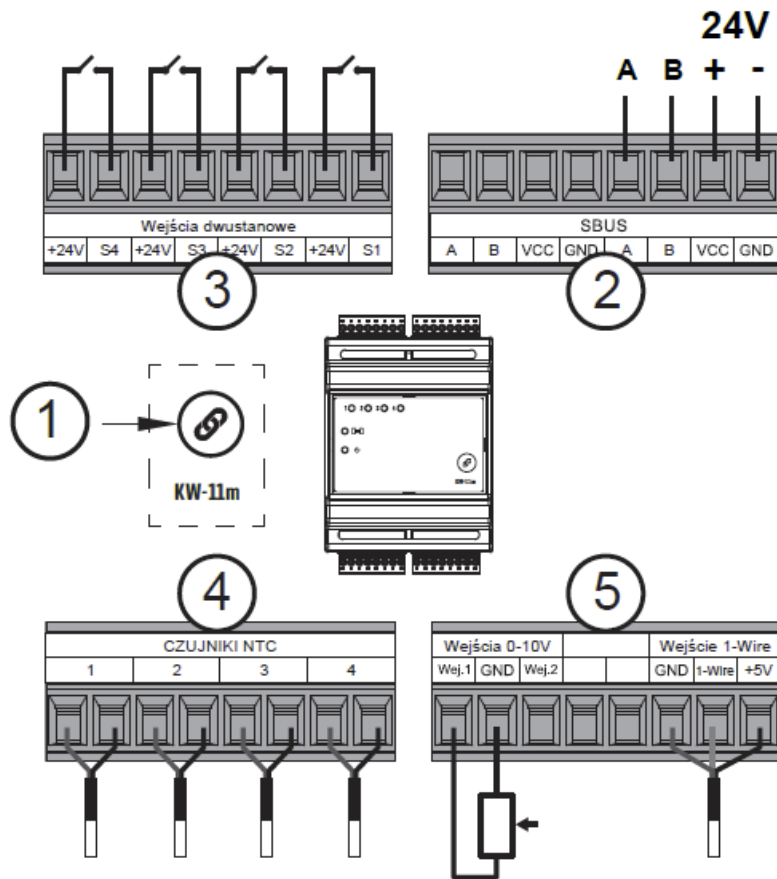
Control lights description

- ⏻ Power supply
- ⊏··⊐ Communication
- 1-4 Two-state inputs status

Connectors description

1. Registration button
2. SBUS communication connector

3. Two-state inputs connector (+24V)

4. NTC sensor connector (1-4)

5. 0-10V i 1-Wire inputs connector

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 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 each two-state inputs (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°C ÷ 50°C
- **NTC Sensor thermal resistance:** -30°C ÷ 50°C

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 in 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.
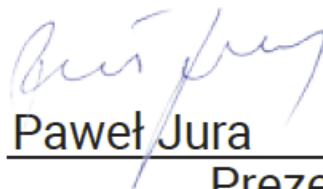

EU Declaration of conformity

Tech Sterowniki II Sp. z o.o. , ul. Biała Droga 34, Wieprz (34-122) Hereby, we declare under our sole responsibility that the KW-11m is compliant with directives:
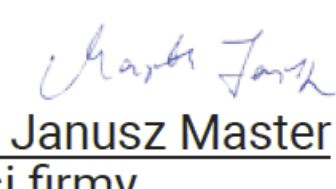
- 2014/35/UE
- 2014/30/UE
- 2009/125/WE
- 2017/2102/UE

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, 01.06.2023

Paweł Jura   Janusz Master
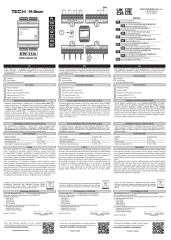Prezesi firmy

CONTACT

- 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**
- Made in Poland
- tel: +48 33 875 93 80 **www.tech-controllers.com**
- **support.sinum@techsterowniki.pl**

FAQ

- **How do I dispose of the product?**
  - The product should not be disposed of in household waste containers. Please transfer used equipment to a collection point for the recycling of electric and electronic components.

Documents / Resources

TECH CONTROLLERS KW-11m Input Card [pdf] Instruction Manual
KW-11m Input Card, KW-11m, Input Card, Card

References

- 🌐 **controllers.com**
- 🗀 **reg.com**
- 🌐 **One moment, please...**
- **User Manual**