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ise KNX-IoT Gateway Smart Connect

# ise KNX-IoT Gateway Smart Connect Instruction Manual

Contents
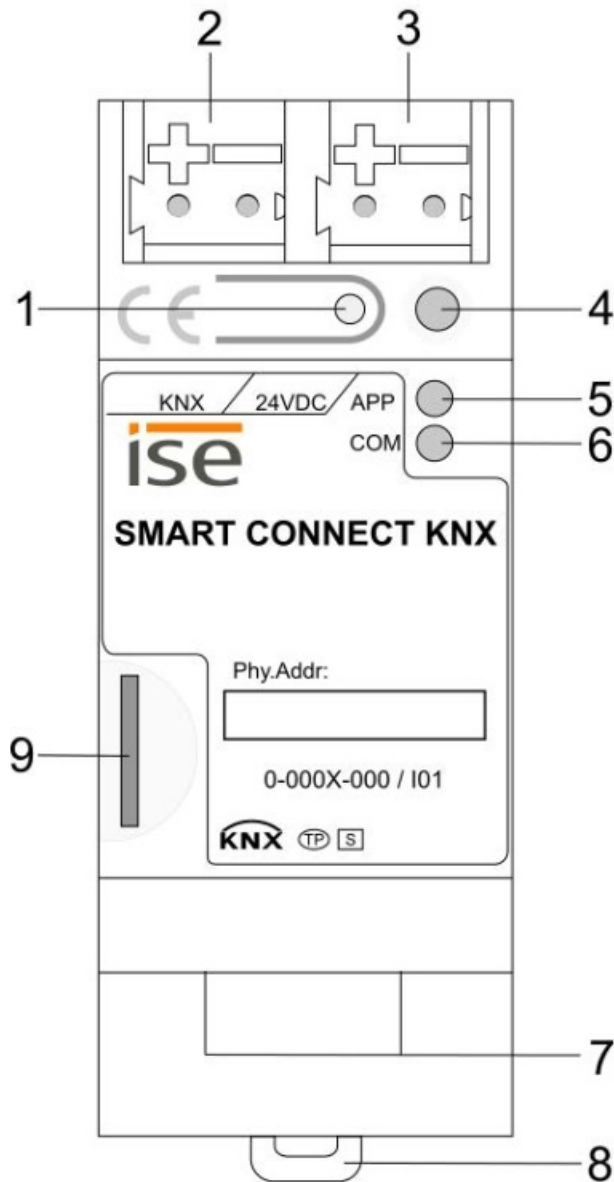
ise KNX-IoT Gateway Smart Connect

Safety notes
Only qualified electricians may install and mount electrical. Failure to observe the installation guide can result in damage to the device, fire or other dangers. This installation guide is an integral part of the product and must remain with the customer.

SMART CONNECT KNX
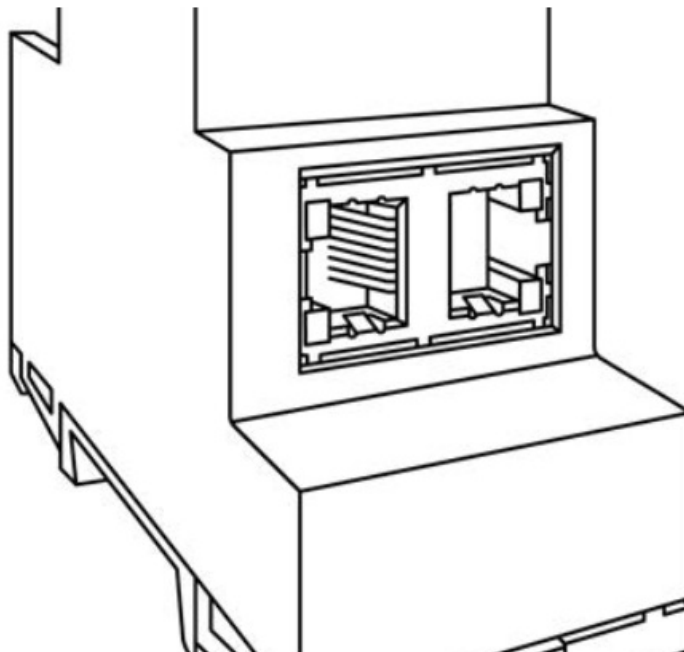
Device design (fig. 1)

1. Programming button
2. **Connection**: KNX
3. **Connection**: External power supply
4. Programming LED
5. APP = application status indicator
6. COM = KNX/TP communication
7. Network connection: 2x RJ45 socket
8. Release lever for top-hat rail terminal
9. microSD card slot

Function

System information
This device is a KNX system product and complies with the KNX guidelines. Detailed specialist knowledge gained on KNX training courses is required to understand the device. The device's function depends on the software. Detailed information about software versions, specific ranges of functions, and the software itself can be found in the manufacturer's product database. KNX-certified ETS software is used to plan, install and commission the device. You will find the product database and technical descriptions on our website at **www.ise.de**.

Proper use
The gateway serves as an interface to integrate the compatible external device into the KNX system. Gateways with my. is access also provides remote access to the KNX system. You will find information on specific functions and their proper use in the associated product manual available on the relevant product page at **www.ise.de**.

Information for electricians

Mounting and electrical connection

DANGER!
You are at risk of electric shock if you touch live parts in the installation area. Electric shock can cause death. Isolate before working on the device and cover up live parts in the vicinity

Installation and electrical connection (fig. 1)
The device is intended for fixed installation in indoor spaces and dry rooms. The device and the devices connected to it in a network must be installed in the same earthing system.

- Observe the temperature range.
- Ensure sufficient cooling.
- Use protection class II for external power supply.
- Ensure safe separation between Ethernet and mains voltage.

1. Snap the device onto a top-hat rail according to DIN EN 60715. See Figure 1 for the installation position.
2. Connect the external power supply to the connection terminal (3).

   Recommendation: Use a white-yellow connection terminal.
3. Connect the KNX line with the red-black bus terminal (2).
4. Establish network connection by plugging RJ45 plug into RJ45 socket (7).

Attaching the cover cap (fig. 2)
A cover cap must be attached to protect the bus connection from dangerous voltages in the connection area.
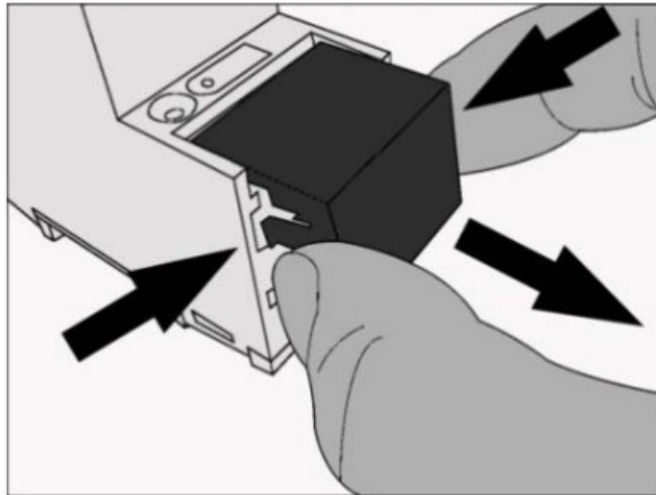
1. Route bus line to the rear.
2. Attach the cover cap over the connection terminals until it engages.

Figure 2: Attach the cover cap
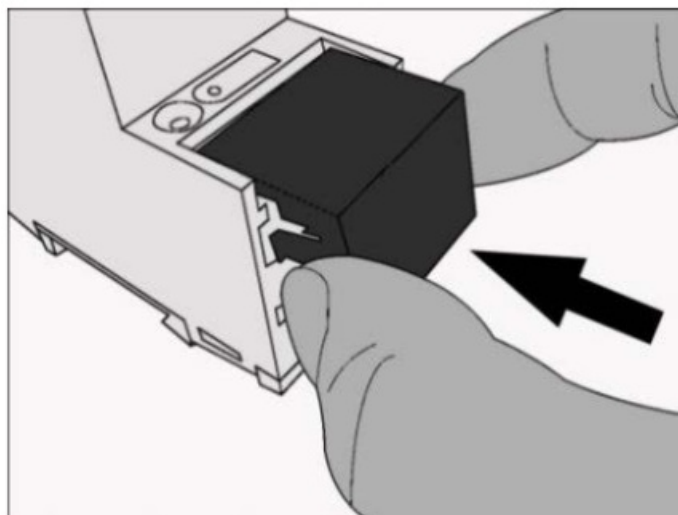
Removing the cover cap (fig. 3)
Press the cover cap on the sides and remove it.

Commissioning

1. Briefly press the programming button (1). Programming LED (4) lights up.
2. Assign individual addresses. Programming LED (4) goes out.
3. Label the device with the individual address.
4. Load application software, parameters, etc.

Technical data

- **Rated voltage:** DC 24 V to 30 V SELV
- **Power consumption**: 2 W
- **KNX**:
    - **Connection**: Bus connection terminal
    - **Medium**: TP1, S-Mode
    - **Current consumption:** typ. 6 mA
- **IP**:
    - **Connection** 2× RJ45
    - **Communication**: Ethernet 10/100 BaseT (10/100 Mbit/s)
- **Ambient temperature:** 0 °C to +45 °C
- **Storage temperature:** -25 °C to +70 °C
- **Dimensions**: 2 HP (DRA plus)

Disposal
Devices with this symbol must be disposed of separately from unsorted municipal waste. Delete any personal data by executing a factory reset before disposal. Please contact our support team before you send a device back.

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- Individuelle Software und Elektronik GmbH
- Osterstraße 15
- 26122 Oldenburg

- Germany
- **www.ise.de**

Documents / Resources

	ise KNX-IoT Gateway Smart Connect [pdf] Instruction Manual ISE 1-0003-004, 5637149900, KNX-IoT Gateway Smart Connect, KNX-IoT, Gateway Smart Connect, Smart Connect, Connect

References

- **User Manual**