

Operation, Display, Description



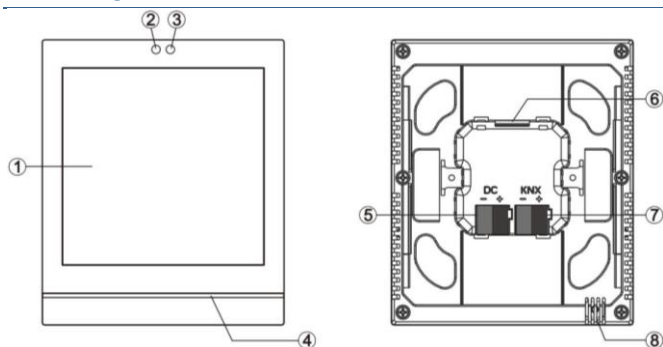
- 4" color IPS, 480x480px resolution, capacitive touch screen
- Switching, dimming, curtains control, scene, value send and switch indicator
- Room Temperature Control: AC, Floor Heating and Ventilation System
- Audio control
- RGB, RGBW, RGBCW control and colour temperature setting
- Air Quality Measurement: PM2.5, AQI, CO2, VOC etc.

- Energy Metering display: current, voltage, power, energy.
- 8 Time functions, 8 Scene Group functions
- 8 Logic functions, with AND, OR, XOR, Gate forwarding, Threshold comparator, Format convert, Delay function and Staircase lighting
- Proximity sensor, Screen brightness setting, Colorful strip indication, Touch vibration feedback
- Time and Date display, Temperature and Humidity display, Day/Night status send
- Password protection, Screen saver and Touch block
- Alarm function, Built-in temperature sensor
- Main page navigation function
- Weekly timer, support to edit on screen

Technical Data

| | | |
|---------------------|--|-----------------------------|
| Bus Supply | Bus voltage | 21V-30V DC, via the KNX bus |
| | Bus current | <4.5mA/24V DC <4mA/30V DC |
| | Bus consumption | <120mW |
| Auxiliary Supply | Voltage | 24-30V DC |
| | Current | <86mA/24V DC 71mA/30V DC |
| | Consumption | <2.2W |
| Connections | KNX Bus Supply | KNX BUS connection terminal |
| | Auxiliary supply | KNX AUX connection terminal |
| Installation | In a conventional 80mm or 86mm wiring box | |
| Temperature | Operation | -5°C ... + 45°C |
| | Storage | -25°C ... + 55°C |
| | Transport | -25°C ... + 70°C |
| Environment | Humidity | <93% (no-moisture) |
| Proximity Sensor | Approximately 30cm | |
| Dimensions | 86x101.3x10.5mm (Overall Thickness 32.2mm) | |
| Weight | 0.2kg | |
| Box | Plastic, polycarbonate | |
| CE | In accordance with the EMC guideline and low voltage directives. | |
| Application Program | Communication Objects | 937 |
| | Number of Addresses(max) | 2000 |
| | Number of assignments(max) | 2000 |

Device Diagram



- 1- Touch Display Area
- 2- Proximity Sensor
- 3- Brightness Sensor
- 4- Colorful Strip

- 5- KNX AUX Connection Terminal
- 6- SD Card Slot
- 7- KNX BUS Connection Terminal
- 8- Internal Temperature Sensor

Installation

1. Install metal plate to the junction box on the wall with mounting screws. Installation specification:

- It is suggested that junction box should be parallel with the wall horizon, shown as fig.1;
- The upper direction is defined where marks with arrow and "TOP" description on the metal plate;
- Screwdriver should not drive too strong when installed, otherwise it will result in the deformation of the metal plate.
- The recommended tightening torque is 0.6 ~ 0.8N.M (6 ~ 8Kgf.cm)

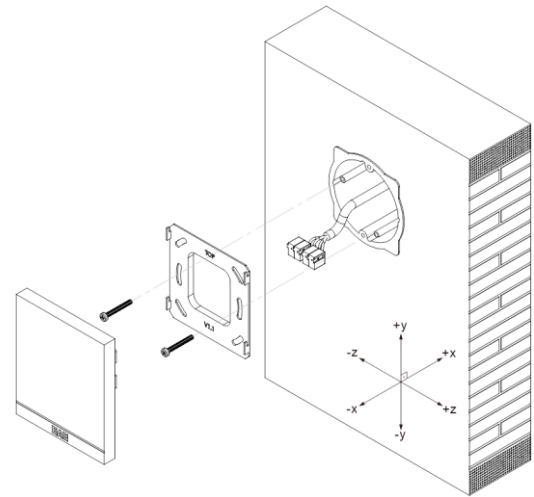


Fig. 1

2. Remove the connection terminal on the device and connect it correctly according to the wiring instructions. After wiring, install the terminal to the corresponding position, then the wiring installation is finished as shown in Fig.2.

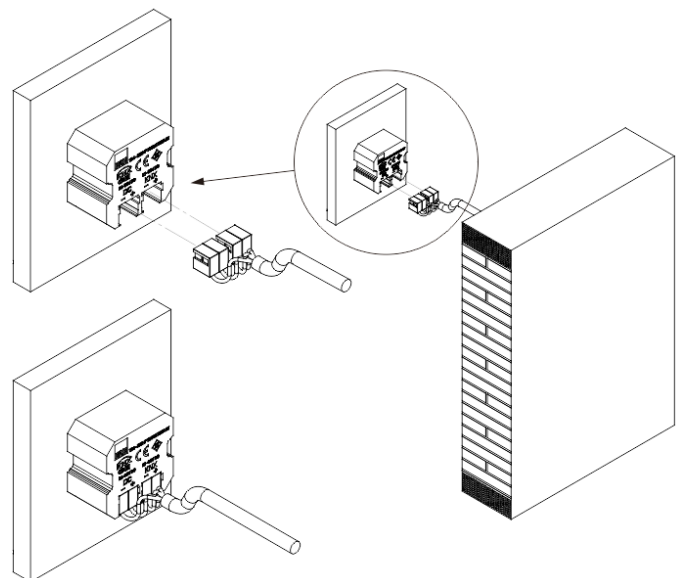


Fig. 2

3. After connection of the device complete:

- Action 1: Align the back of the device to the mounting hole position of the metal plate, requiring the device to be parallel to the wall or the metal plate;
- Action 2: The upper plane of the bulge on the back of the device is aligned to the upper plane of the hole position of the metal plate, and attention should be paid to the shrapnel installation hole of the metal plate. See Fig.3;
- Action 3:After finishing action 1 and action 2, pull the device down (Fig.3), then the installation is finished.

4. After finishing the installation, if disassembly is required, please perform this step: Push the device upward, then pull it out toward the horizontal direction when hear a buckle sound or when the device can no longer be moved, then the disassembly is finished as shown in Fig.3

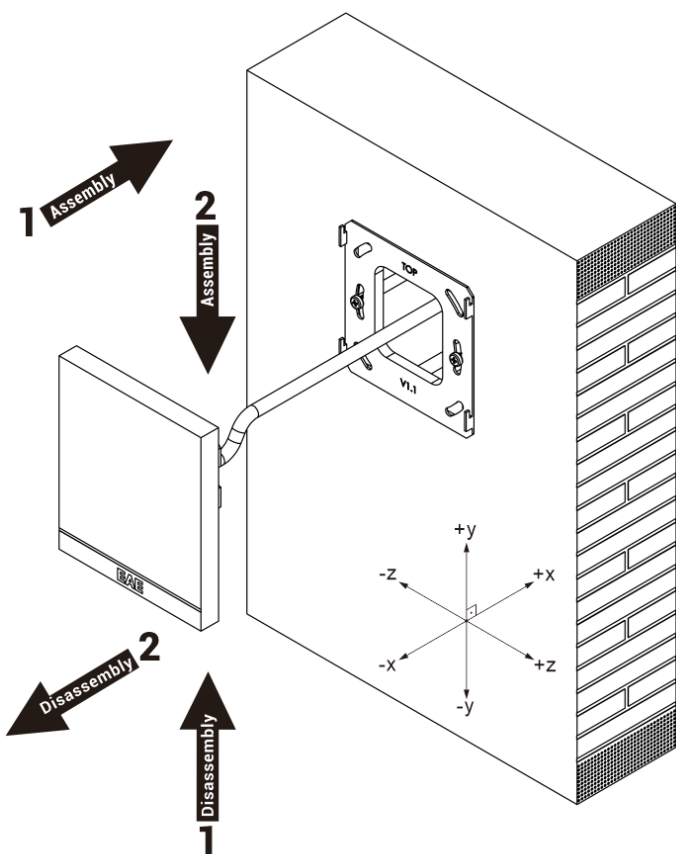


Fig. 3

Technical Dimensions

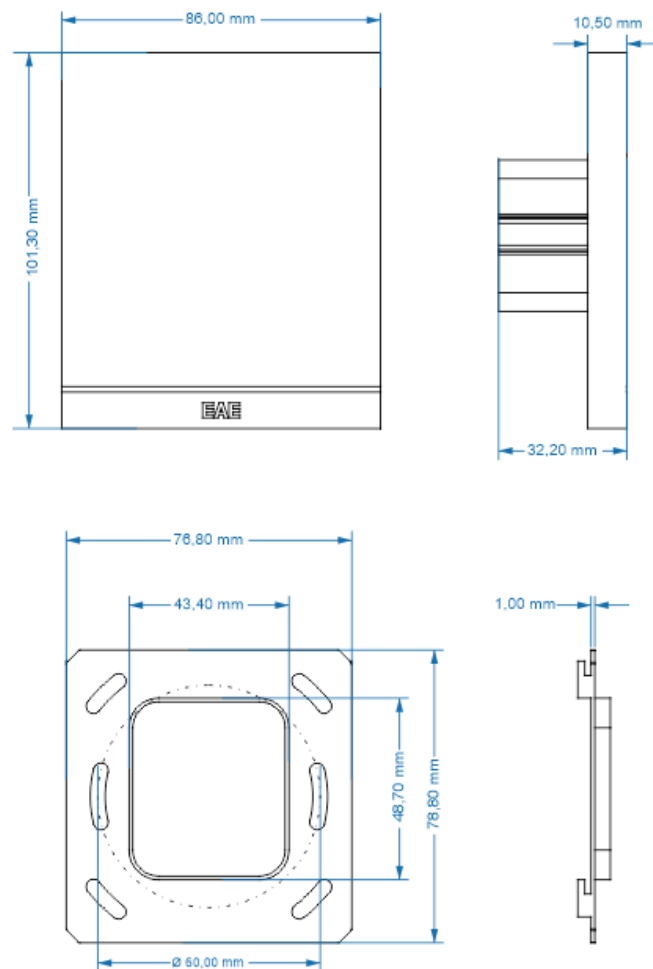


Fig. 4

Commissioning

Device default physical address is 15.15.255. Determination of the physical address and setting of parameters are actualized with Engineering Tool Software (ETS5 or higher). “.knxprod” file must be imported to the ETS.

⚠ Installation and commissioning of device may only be implemented by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

-When connecting the device make sure that the device can be isolated!

-Protect the device against moisture, dirt and damage during transport, storage and operation!

-Do not operate the device out of the specified technical data which is stated.

Cleaning

If device becomes dirty, only a dry cloth can be used for cleaning. It is not suitable to use wet cloths, caustics and solvents.