EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

POWERED BY Shelly

LINKEDGO
Better home, better life

ST802-B Smart Thermostat
User Manual

Read before Use

Before beginning the installation, please read carefully and entirely this document. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of the law or refusal of legal and/or commercial guarantee (if any).
LinkedGo Technology Co., Ltd is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure to follow the user and safety instructions in this guide.
Please keep these instructions in a safe place for future reference.

Scope of Use

ST800 series products are two-in-one products for cooling and heating. They are mainly used for indoor temperature control of central air-conditioning fan-coil systems or floor heating systems.

Specification

Product model：ST802-B series

Input voltage：90-240VAC 50/60Hz

Load current：2A resistive load, 1A inductive load

Temperature control range：5～35℃

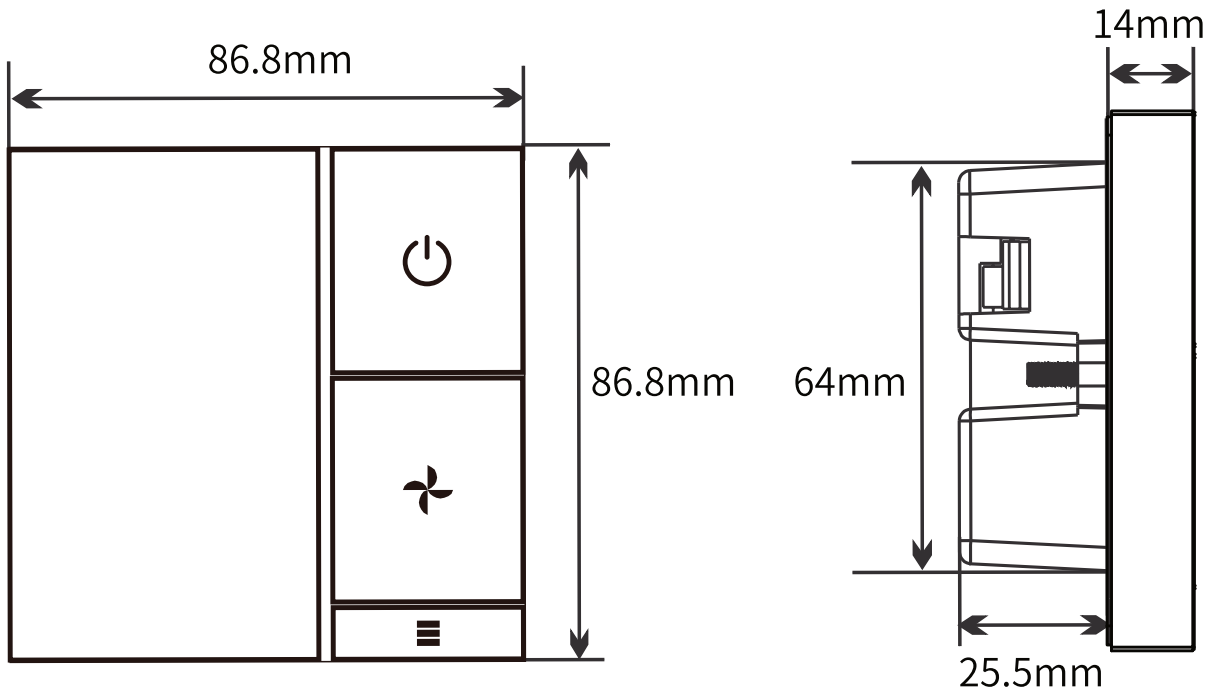
Working environment：-10～55℃

Protection level：IP20

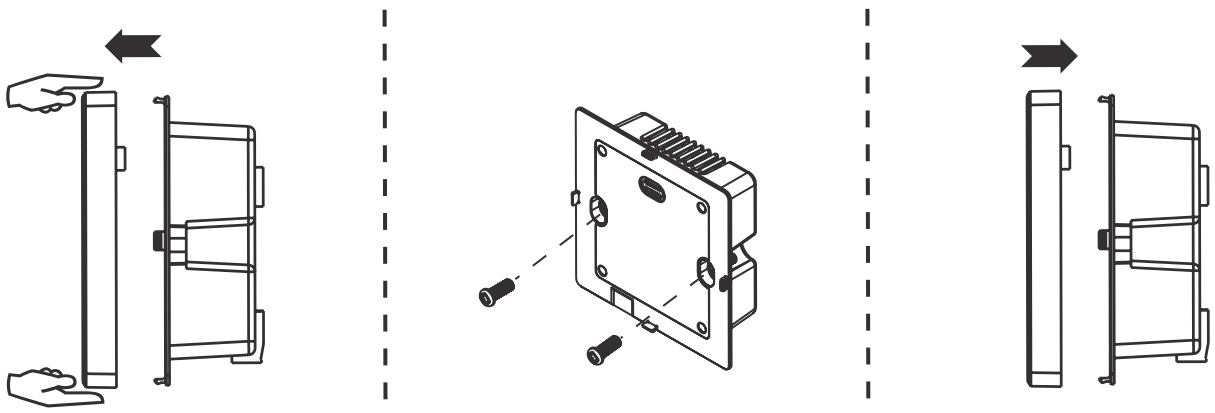
Safety instructions

WARNING! Danger of electrocution. Mounting/installation of the Device to the power grid has to be performed with caution, by a qualified electrician!
WARNING! Danger of electrocution. Every change in the connections has to be done after ensuring there is no voltage present at the Device terminals!
CAUTION! Use the Device only with a power grid and appliances which comply with all applicable regulations!
CAUTION! Connect the Device only in the way shown in these instructions. Any other method could cause damage and/or injury!
CAUTION! The thermostat is intended for indoor use only!
CAUTION! When installing, do not hit the display with hard objects or squeeze the display hard to avoid cracking!
CAUTION! Check whether this thermostat is suitable for your equipment before installation!
CAUTION! Do not use the Device if it has been damaged!
CAUTION! Do not attempt to service or repair the Device yourself!
CAUTION! Do not drill through the back cover!
CAUTION! Do not use the device if it shows any signs of malfunctioning or defect!
CAUTION! Do not use the Device in a damp environment and avoid water splashing!
CAUTION! Do not install the device where it can get wet!
WARNING! Do not allow children to play with or use the device!

Dimension



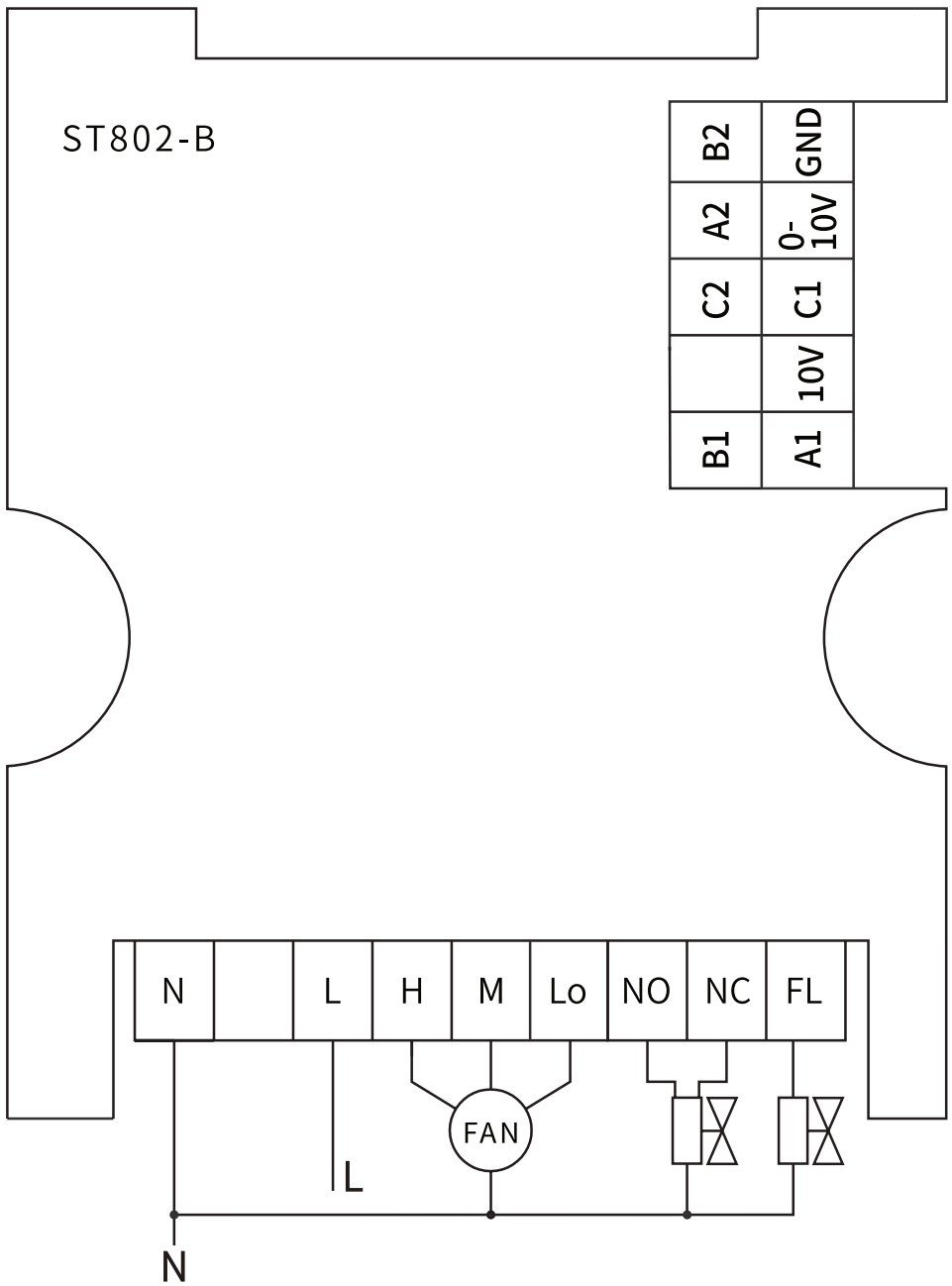
Installation Diagram



1.Separate the front and rear

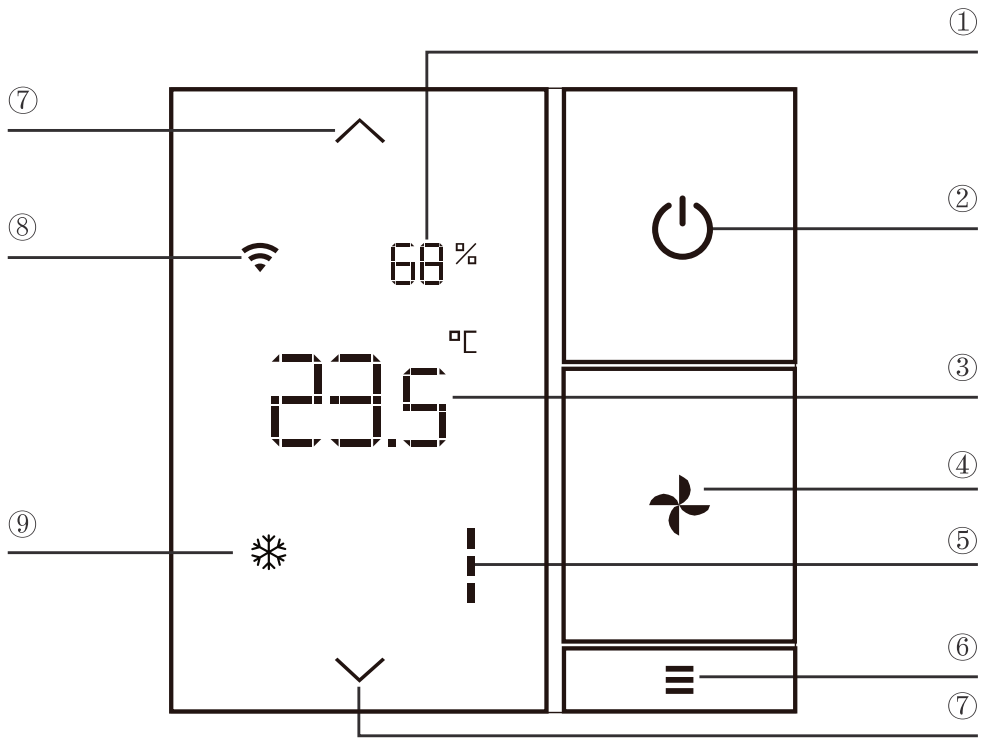
2.Install the rear

3.Insert the front



A1/B1: RS485	A2/B2: RS485
C1/C2: Digital output	H: High speed
M: Medium speed	Lo: Low speed
Valve(NO/NC): Fan coil valve	FL: Floor heating valve

Display interface and button functions



1. Room relative humidity.
2. ON/OFF button, hold on the button until the Wi-Fi icon is displayed.
3. Room temperature.
4. Switch fan speed.
5. Current fan speed.
6. Mode selection button.
7. Up and Down button for adjust set point.
8. The Wi-Fi signal will be displayed after connected to internet.
9. Show the current setting mode.

Advanced settings

Hold the "mode" key for 5s to enter the advanced setting.

Parameter number	Description	Default Value	Setting Range
B04	Summer temperature calibration	0	-5℃~5℃
B05	Winter temperature calibration	0	-5℃~5℃
P01	RS485-1 baud rate	3	2~3
P03	RS485-1 address	1	1~255
P06	RS485-2 baud rate	3	2~3
P08	RS485-2 address	1	1~255

P01 description:2-4800/3-9600

P06 description:2-4800/3-9600

P00 RS485 function:0-slave/1-master（Default Value 1）

P05 RS485 function:0-slave/1-master（Default Value 0）

Note: For detailed specifications, Modbus protocol details, and additional information on device configuration, please visit: https://shelly.link/linkedgo-st802-tech

App download instruction

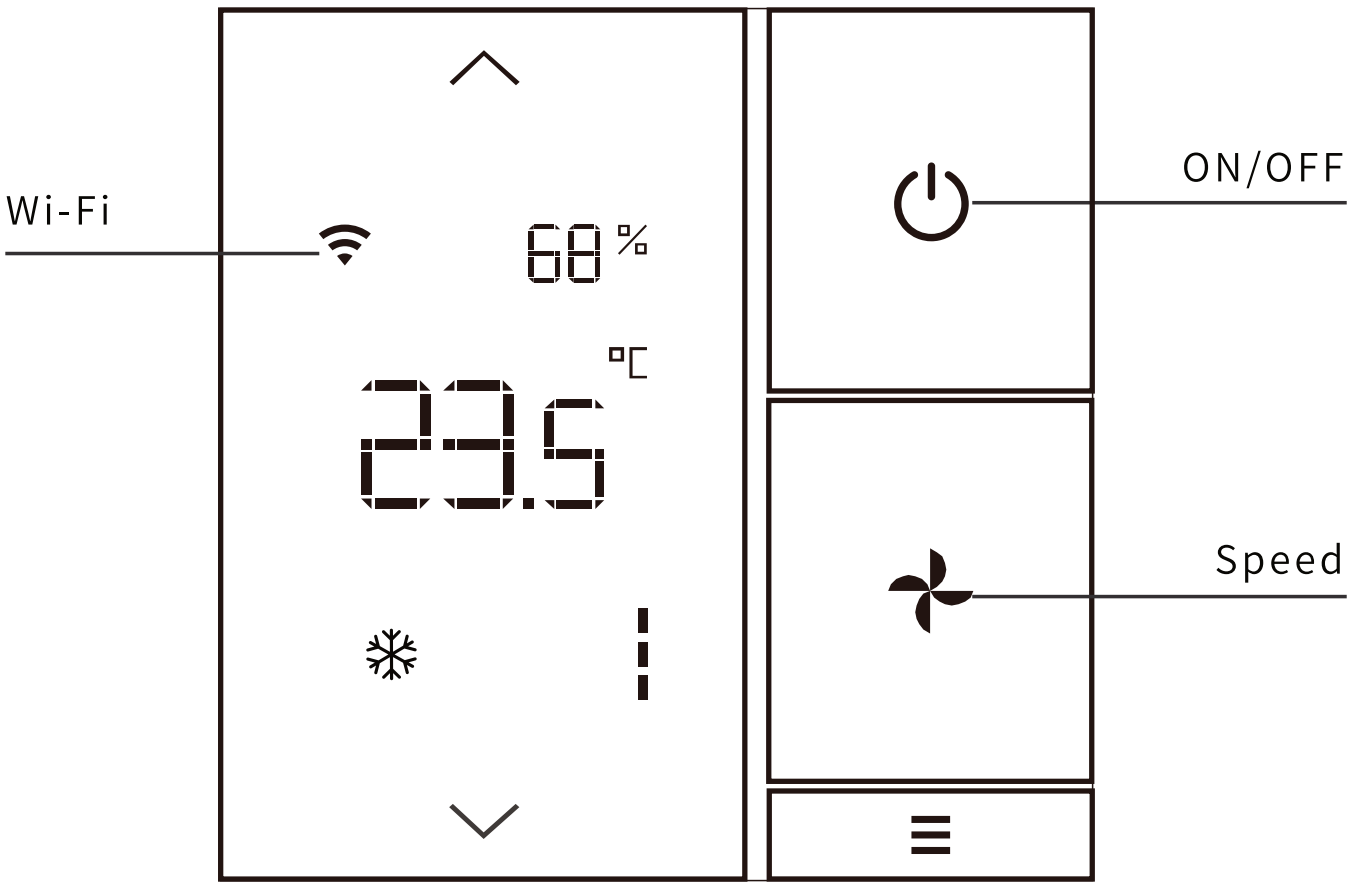
The device can be controlled and monitored remotely by using the Shelly Smart Control mobile application.
To install the mobile application, scan the QR code below, or search for “Shelly Smart Control” in App Store, Google Play, or AppGallery to install.
The mobile application is free of charge, and you need to create a free account to use it.

Alternatively:

• open https://shelly.cloud/app_download using your phone’s web browser and choose the app store for your mobile device

• search for “Shelly Smart Control ”in Apple AppStore, Google Play or Huawei AppGallery.

Wi-Fi Connection



- If the APP can not detect the device, please hold “ON/OFF” button for 10s. Then use APP “Auto Scan” again.
- Turn on the Bluetooth of the smart phone before configuring the network.
- Please use 2.4GHz Wi-Fi signal.

Add your device to Shelly Smart Control app

1. Open your Shelly Smart Control app.
2. Tap on the on the plus sign at the bottom right corner of the screen.
3. Select Add via Bluetooth.
4. Tap Next to continue; a list of supported devices appears.
5. Select the device you want to add and tap Next.
6. Enter your Wi-Fi credentials and tap Add device.
7. Wait until your app finishes adding the device; it might take a few minutes. After the process is completed, a success message appears.
8. Enter a name for your device and select its picture; tap Next.
9. Select a room for the device to be added to or create a new one by tapping the Add room button.
10. Tap Save. The device has been added to your account.

Compliance

Manufacturer:
LinkedGo Technology Co.,Ltd,
info@linked-go.com
No. 3, Tianyuan Road, Dagang Town, Nansha District,
Guangdong Province, China

Hereby, LinkedGo Technology Co., Ltd declares that the smart thermostat ST802-B is in compliance with 2011/65/EU, 2014/35/EU, 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:
https://shelly.link/linkedgo-st802-b

How to recycle

Do not dispose of the product in household waste. Recycle the product to prevent environmental and health damage and to promote resource conservation. Dispose of the product at an appropriate waste collection point at your own responsibility.

Resellers, from which the Device was purchased, are required to accept Waste Electrical and Electronic Equipment (WEEE) free of charge for proper disposal.

Some electronic products may store personal data. The user is responsible for deleting this data before disposing of the Device. For deletion, reset the device to its factory settings.



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