

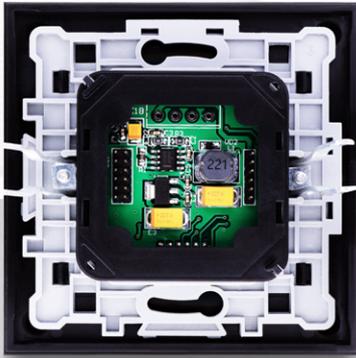


# TERRE TOUCH THERMOSTAT

Terre AC Control

Data Sheet Rev 3.1

Model: TER-ACT



## OVERVIEW

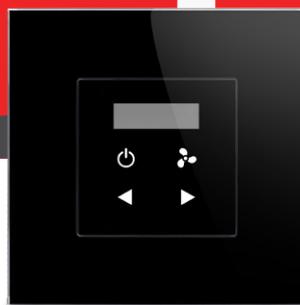
A simple 4-touch button interface to control temperature, fan speed, floor heating or any other heating and cooling devices. In addition, reminders and alerts are displayed on a 1" high resolution OLED screen.

### KEY BENEFITS

- + Thermostat, Control air condition
- + Control floor heating system
- + Programmable schedule by application
- + Memorize last status setting.
- + 5 different cover varieties (plastic, Aluminum, Glass)

### KEY FEATURES

- ★ Wall mount, Touch panel 4 buttons & OLED 1"
- ★ Built-in temperature sensor
- ★ Fit into 5 types of panel additions for extra functions
- ★ Work with TIS-BUS protocol
- Fit into (UK, EU) junction box size



# TIS TERRE TOUCH THERMOSTAT

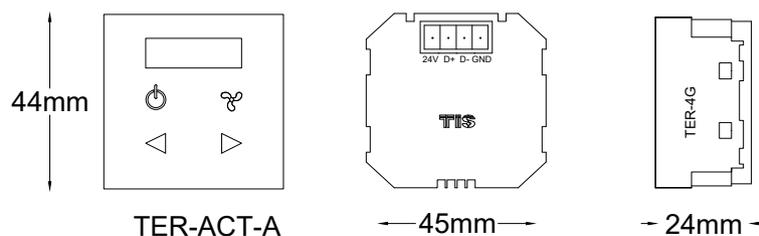
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## PRODUCT SPECIFICATIONS

|  |                                       |                                                                   |                                                                                                                             |
|--|---------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | <b>OLED</b>                           | Size                                                              | 0.9"                                                                                                                        |
|  | <b>Touch</b>                          | Active area<br>Touch Type                                         | 1.5"<br>Capacitive                                                                                                          |
|  | <b>Input</b>                          | Temp sensor                                                       | Resistive Temp Sensor                                                                                                       |
|  | <b>TIS Bus</b>                        | Number of devices on 1 line<br>Bus voltage<br>Current consumption | Max. 64<br>12-32 V DC<br><20 mA / 24 V DC                                                                                   |
|  | <b>Protection</b>                     |                                                                   | Reverse Polarity Protection<br>ESD Protection                                                                               |
|  | <b>Reaction time</b>                  |                                                                   | approx. 20ms                                                                                                                |
|  | <b>Mounting</b>                       | Wall mount                                                        | Attached to Terre base                                                                                                      |
|  | <b>Connection terminal</b>            | Data                                                              | Direct TIS bus connection                                                                                                   |
|  | <b>Operating and display elements</b> | touch buttons<br>Backlight<br>TIS bus<br>Upgrading                | 4 touch buttons for AC control ...<br>Backlight indicators<br>TIS Protocol messages and commands<br>By Rs485 upgrading kit. |
|  | <b>Weight</b>                         | Without packaging                                                 | 60 g                                                                                                                        |
|  | <b>Dimensions</b>                     | Width × length × height                                           | 45mm × 45mm × 25mm                                                                                                          |
|  | <b>Housing</b>                        | Materials<br>Internal Parts color<br>IP rating                    | PC anti fire / Glass in front<br>Black & gray<br>IP 50                                                                      |
|  | <b>Temperature range</b>              | Operation<br>Storage<br>Transport                                 | -10...60°C<br>-20...50°C<br>-25...75°C                                                                                      |
|  | <b>Air humidity</b>                   |                                                                   | <80% non-condensing                                                                                                         |



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