KNX 4-inch Smart Touchscreen-H1

Datasheet

KE. TS0401-H1

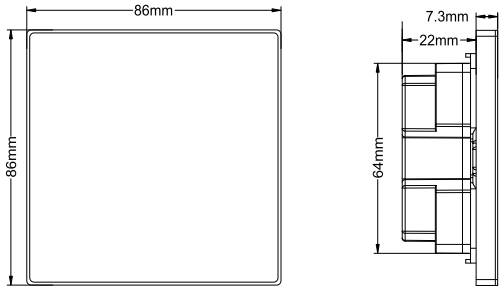
Function

(1) 4.0-inch color TFT, resolution 720x720, capacitive touch screen design;
(2) Home page navigation function, allowing quick links to various sub-functions based on the navigation page;
(3) Features include switch, dimming, curtains, scenes and value transmission;
(4) RGB, RGBW dimming control and color temperature adjustment control;
(5) Air conditioning function control, including split-type and air conditioning gateway types;
(6) HVAC function control, including fan coil control;
(7) Floor heating control, including timed strategy control for floor heating;
(8) Fresh air system control, allowing setting of fresh air control strategies based on indoor air quality levels;
(9) Background music control;
(10) Air quality data display, including AQI, PM2.5, PM10, NO2, CO2, etc.;
(11) Energy detection data display, including current, voltage, power, power factor, electrical energy, etc.;
(12) 16 timer functions, enabling various daily timed operations;
(13) 8 scene module functions, capable of flexibly implementing various scene controls;
(14) Time and date display;
(15) Screen brightness adjustment function;
(16) Temperature, humidity, and air quality display;
(17) Password protection and screen saver with optional clock display

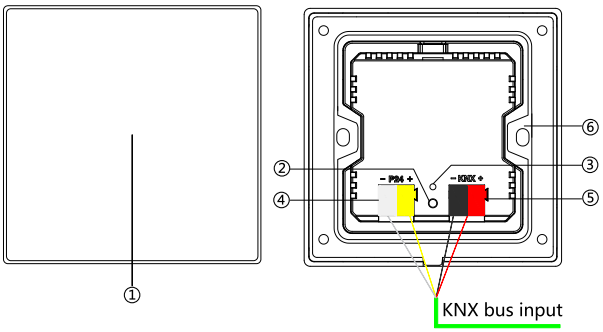
Parameters

Bus voltage:	21-30 VDC, KNX bus power
Bus current:	≤ 12mA
Bus power:	≤ 360mW
Auxiliary voltage:	24V DC
Auxiliary current:	≤ 25mA
Auxiliary power:	≤ 600mW
Control method:	Touch-based control
Screen resolution:	720*720px
Shell material:	Metal + ABS + PC
Dimensions:	86mm x 86mm x 29mm
Weight:	About 0.20kg
Installation:	86 bottom box
Operating temperature:	-5°C...+45°C
Storage temperature:	-25°C...+55°C
Transportation temperature:	-25°C...+70°C
Relative humidity:	Max 90%

Dimension



Wiring



① Touch screen and display area;
② Programming button, the button is used to enter/exit KNX programming mode;
③ Programming indicator, always on means it is in programming mode;
④ Auxiliary power supply terminal, connects the yellow wire to "+" and the white wire to "-";
⑤ KNX bus terminal, connects the red wire to "+" and the black wire to "-";
⑥ Fixed bracket, used for standard 86 bottom box

Installation

1. The device is installed in a standard 86 junction box;
2. First, use a screwdriver to install the fixing bracket in the 86 bottom box;
3. The fixing method of this smart touch screen is magnetic. Just insert the touch screen panel into the fixing bracket.
4. When you need to remove the panel from the bottom box, gently pry the fixing bracket at the groove at the bottom of the panel.

Safe use and maintenance

(1) Read all instructions carefully before use.
(2) Create a well-ventilated environment.
(3) During use, pay attention to moisture, shock and dust prevention.
(4) Do not expose to rain, other liquids or corrosive gases.
(5) If the machine is damp or invaded by liquid, it should be dried in time.
(6) If the machine fails, please contact professional maintenance personnel or our company.