Datasheet TD4-KNX 4" Touch Display
EAE KNX-TD4-KNX 4" Touch Display
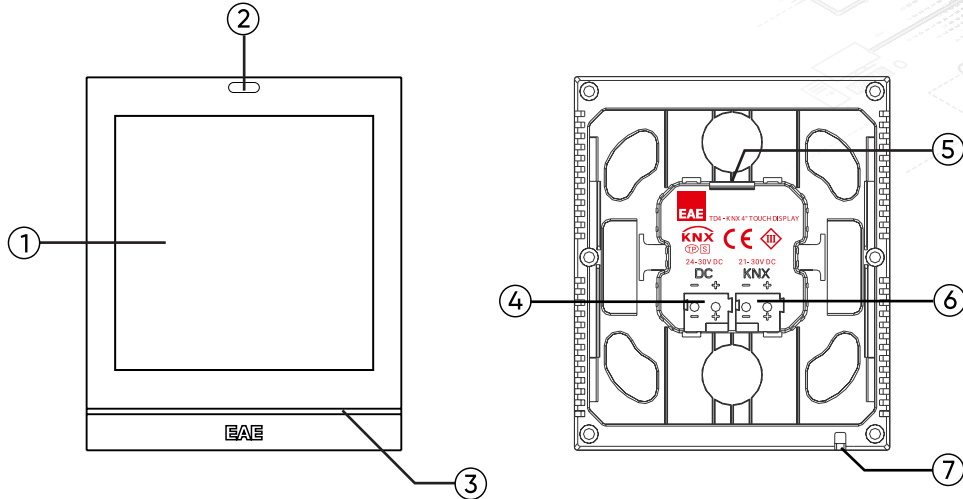
All you need is EAE

General Features

- 4 inch color IPS, 480x480 resolution, capacitive touch screen
- With switching, dimming, curtains control, scene, value send and switch indicator
- Room temperature control, Air conditioner, Floor heating and Ventilation System
- Audio control
- RGB, RGBW, RGBCW control and colour temperature setting
- Air quality display, with PM2.5, AQI, CO2, VOC etc.
- Energy Metering display, with 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 Panel 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 connection terminal
	Auxiliary supply	KNX auxiliary connection terminal
Installation	80mm or 86mm wiring box	
Temperation	Operation	–5 ^{0}C... + 45 ^{0}C
	Storage	–25 ^{0}C... + 55 ^{0}C
Proximity Sensor	Standard 15cm, Enhance 30cm	
Dimension	86x101.3x10.5mm (32.2mm)	
Weight	0.2kg	

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Functional Elements and Connections

1 - Touch and display area

2 - Proximity sensor

3 - Colorful Strip LED bar

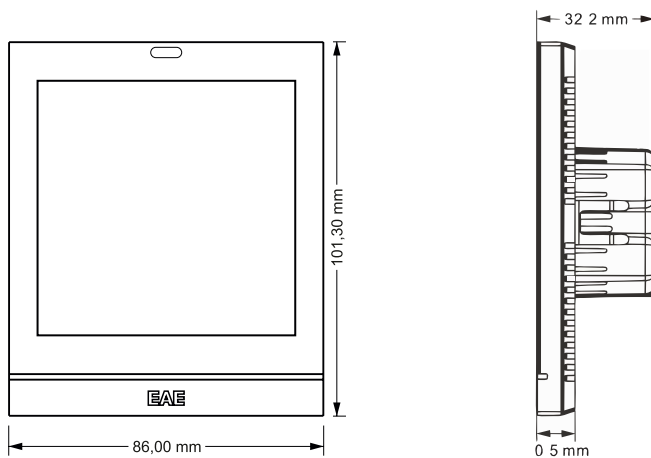**4 -** Auxiliary supply connection terminal

5 - SD Card slot

6 - KNX Bus connection terminal

7 - Built-in temperature sensor

Note: The programming of the physical address needs to be entered into the setting interface of the screen. Click the icon on the screen to enter the setting interface, then click "General para." to enter the general parameter setting interface. Here you can set "KNX programming" item, and turn the programming mode on or off via the switch button on the right. When the programming mode is turned on, the Colorful strip lights red. After exiting the programming mode, the Colorful strip returns to the indication that is configured via parameters.

Technical Drawings

KNX Smart Touch V40s can be installed in a conventional 80mm or 86 mm wiring box. It requires not only KNX bus powered, but also requires a 24- 30V DC auxiliary power supply. It is available to assign the physical address by engineering design tools ETS with .knxprod (higher than edition ETS 5.7). Must ensure that the device operation, testing, detecting, maintenance correctly. Touch panel should be installed approximately 120~140cm above the floor and 15~20cm from the door frame. Touch panel must not be exposed to direct contact with liquids.

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.
- Protect the device against moisture, dirt and damage during transport, storage and operation!
- Do not operate the device outside the specified technical data (e.g. temperature range)!

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

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