

D series intelligent panel

User Manual

KTE4TS-D/DK4
KTE6TS-D/DK4



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Safety instructions

- Before installation, please read user manual carefully and observe relevant standards, directives, regulations and instructions.
- Electrical equipment must be installed and programmed by qualified technicians only.
- This device is manufactured according to the relevant technical specifications and have CE.
- For more information of this product, please contact the technical engineer of manufacturer.
- Users are not permitted to alter and maintain the product without the authorization of manufacturer.
- Failure to observe the instructions may cause damage to the device and result in fire or other hazards.

Product Overview

The KNX system control panel is available in various specifications with 4 or 6 buttons. Each button can be configured for different functions according to specific needs, such as on/off control, dimming, curtain control, value sending, and scene control, etc.

Each button is equipped with an LED status indicator light, which can be used as a status feedback for the controlled device or an operation indicator light. Meanwhile, a version with 4 load output ports of 10A each can be selected, which can be directly connected to the load and used to control its on/off status.

The intelligent panel adopts embedded installation and can be installed in a standard national 86-type junction box. It can also be used in combination with a row-mounting frame. It supports up to a five-unit frame at most (for easier installation, it is recommended to use a deeper junction box).

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Product Features

- It is powered by DC24V for auxiliary power supply.
- It is available in various specifications with 4 or 6 buttons.
- Multiple colors are available for selection.
- It has a proximity sensing function.
- It is equipped with orange backlight indicator lights.
- The text/pattern on the buttons can be customized according to the customer's requirements.
- It is installed using a national standard 86-type junction box.
- It can control lights: turn on/off and dim.
- It can control curtains: open/close.
- It can call up scenes and has a scene storage function.
- It can send numerical values: brightness value, temperature value, illumination value.
- The LED indicator lights can be used for status feedback or operation indication.
- A version with 4 load output ports of 10A each can be selected. (If you need a version with 1 - 3 relays, please contact our business department for customization.)
- It is programmed and debugged using ETS.

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Programming instructions

1. Select the corresponding product database and import it into ETS3/4/5.
2. Add the device to the project created in ETS3/4/5.
3. Press the programming button on the device, and download the physical address via ETS3/4/5. After the download is completed, the red LED indicator will turn off.
4. Open the device database. After setting the parameters and associating the corresponding group objects, perform the application download.
5. After changing the physical address of the device, repeat "Step 3".
5. After modifying the parameter settings or re - associating the "group objects", repeat "Step 4" to implement new functions.

Installation instructions

1. The spacing of the fixing screw holes must be the same as that of the fixing screw holes on the back of the product. The maximum outline dimension of the junction box shall not exceed that of the product.
2. The outline dimension of a single product is 86x86mm, and that of a combined product is 86x(86x number of combined units).
3. If single junction boxes are assembled to install a combined product, the center-to-center distance between two single junction boxes must be 86mm.
4. If two single products are installed closely together, the center - to - center distance between the two junction boxes must be ≥ 87 mm to prevent the two products from touching each other and causing installation difficulties.
5. The distance between the screw plate for fixing the product and the wall shall be ≥ 2 mm.

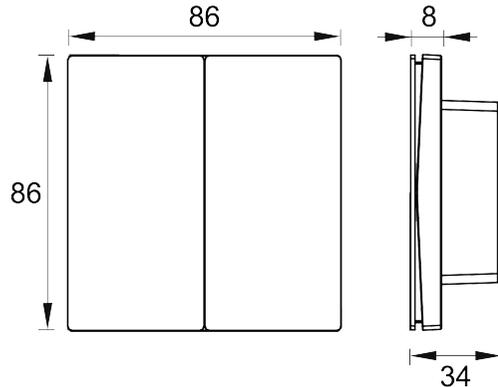
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Product parameters

Parameter	Types	KTE4TS		KTE6TS	
		D	DK4	D	DK4
Power					
Power Supply	KNX Power 21V~30V DC				
Transmission medium	KNX TP				
Rated current	≤ 10 mA				
Auxiliary power supply					
Supply voltage	DC 24V				
Rated power	1W				
Product Info					
Dimensions (WxHxT)	86mm×86mm×30mm				
Number of buttons	4		6		
Number of indicator lights	4		6		
Coupler	Embedded coupler				
Installation method	Embedded 86-type mounting junction box				
Type of protection	IP20				
Operation	0°C~70°C				
Storage	-25°C~70°C				
Programming mode	S mode				

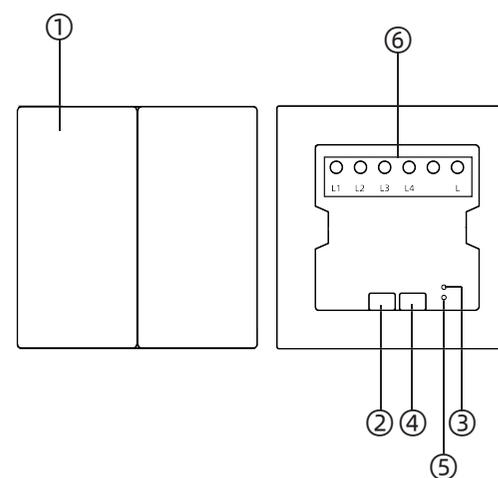
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Product dimensions



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Operating instructions



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Operating instructions

- ① Operation area: The controlled devices can be controlled via the buttons.
- ② Power supply interface: It uses a DC 24V wide - voltage power supply.
- ③ Programming button: Press this button to write the physical address of the device.
- ④ KNX bus terminal: Connect to the KNX system.
- ⑤ KNX programming button indicator light: After pressing the programming button, this indicator light turns red. It will automatically turn off after the physical address is downloaded. It can also be turned on/off through the ETS software.
- ⑥ Relay output terminals: Connect the 220V live wire to terminal L, and connect the loads to terminals L1/L2/L3/L4 respectively.

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