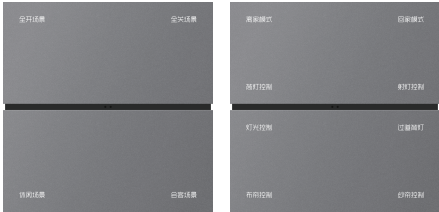


M series intelligent panel

User Manual

KTE4TS-M/KTE4TS-MK
KTE8TS-M/KTE8TS-MK



1

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 "M series" intelligent panel is a control panel for the KNX system, available in various specifications with 4 or 8 buttons. Each button can be configured for different functions according to specific needs, such as on/off control, dimming, curtain control, value sending, scene control, and proximity sensing.

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 3 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 "M series" intelligent panel adopts embedded installation and can be installed in a standard national 86 - type junction box (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.
- It comes in various specifications with 4 or 8 buttons.
- Multiple colors are available for selection.
- It features a proximity - sensing function.
- It is equipped with orange backlight indicator lights.
- The text or patterns on the buttons can be customized according to the customer's requirements.
- It is designed for installation in a national standard 86 - type junction box.
- It can control lights: turn them on/off and adjust the brightness.
- It can control curtains: open or close them.
- It can recall scenes and has a scene - storage function.
- It can send numerical values such as brightness, temperature, and illuminance.
- The LED indicator lights can be used for status feedback or operation indication.
- A version with 3 load output ports of 10A each is available for selection.
- 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. Fix the iron plate to the junction box according to the text and direction markings on the fixing iron plate.
2. Connect the KNX bus terminal and the load (MK).
3. Place the intelligent panel into the junction box and snap it tightly onto the fixing iron plate to complete the installation.

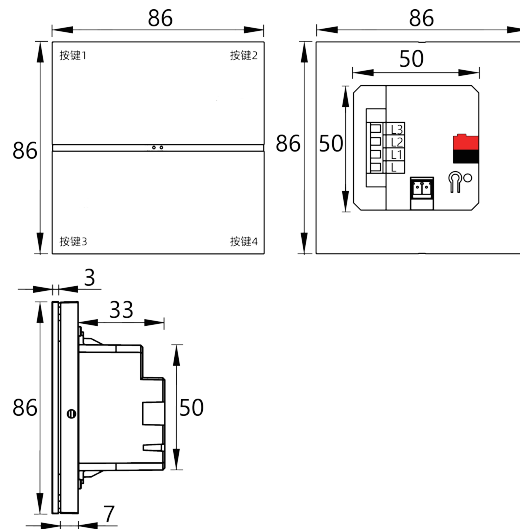
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Product parameters

Parameter	Types		KTE4TS		KTE8TS	
	M	MK	M	MK	M	MK
Power						
Power Supply	KNX Power,30V DC					
Transmission medium	KNX TP					
Rated current	≤10mA					
Auxiliary power supply						
Supply voltage	DC 24V					
Rated power	1W					
Product info						
Dimensions (WxHxT)	86mm×86mm×45mm					
Number of buttons	4		8			
Number of indicator lights	4		8			
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					
Output port						
Rated voltage	220V		220V			
Rated current	10A		10A			

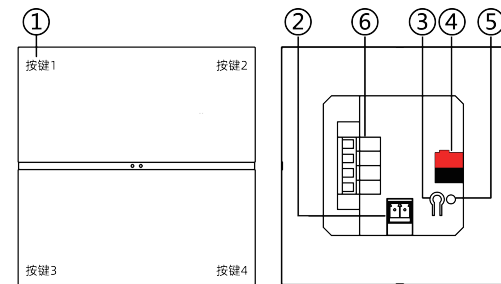
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Product dimensions



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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. The programming mode can also be triggered by a combination of buttons. Press the first and the eighth buttons simultaneously for three seconds, and the indicator light will flash.
- ⑥ Relay output terminals: Connect the 220V live wire to terminal L, and connect the loads to terminals L1, L2, and L3 respectively.

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