

KTE2KS 2-key

KTE4KS 4-key

KTE6KS 6-key

KNX/EIB 智能面板

操作说明书



订货号. KTE2KS/KTE4KS/KTE6KS

For your safety

RISK
All work carried out on the unit may only be performed by skilled electricians. Observe the regulations valid in the country of use, as well as the valid KNX guidelines

CAUTION
Do not connect the main voltage (230 V) or any other external voltage to any point of the BUS, except for the specific connections.

概述

KNX 专用控制面板嵌墙安装于普通 80/86 底盒内。无论 2 按键还是 6 按键，其每个按键的功能都可以根据不同的功能组合进行调整设计(开关，调光，窗帘控制，场景取消/恢复，亮度值设定等)。

面板按键根据定义好的参数发送特定的报文,例如让执行器执行开关灯光的指令，调光的指令，恢复和保存灯光场景的指令，或者是启停电动窗帘的指令，发送温度值和光照度值(2 Bytes)到总线系统等等。

无论是 2 键还是 6 键面板，其每个按键均具有独立的 LED 状态指示灯。

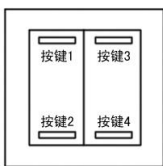
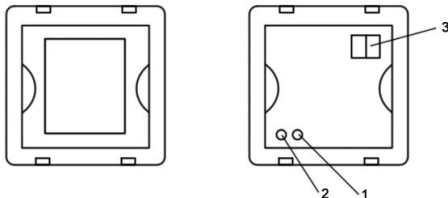
主要功能

- ◆ **开关切换功能**
通过触摸/释放面板按键触发命令(ON, OFF, Toggle, None);
- ◆ **调光功能:**
短按可以控制 ON/OFF;
长按可以控制调亮/调暗，在释放按键后停止调光
短按或长按的时间可以调整
- ◆ **电动窗帘控制:**
短按为停止/步骤；
长按为“上/下”；
长按和短按的控制时间可以调整；
- ◆ **参数阈值功能:**
调光值检索；
亮度/温度值传递；
按键超过 6 秒执行场景回复/保存/学习功能
- ◆ **LED 指示灯显示:**
操作指示或者通过命令对象触发指示，
LED 灯的亮度可以通过 ETS 调节，

i 备注

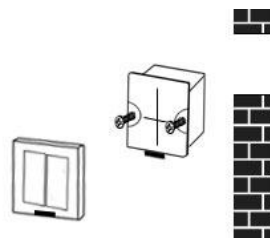
面板的颜色，材质以及字体可以定制。
具体信息请联系我们。

产品示意



- ① Programming LED, red
- ② Programming button
- ③ BUS+ BUS-

安装设备



- ① **预埋底盒：**
将标准 86/80 底盒预埋至墙体内部
- ② **接线：**
将 KNX 线缆直接插入面板后面自带的红黑端子
- ③ **地址分配：**
安装面板之前，必须首先设置物理地址。设置时，首先按下面板后面的编程按钮，然后通过 ETS 软件进行编辑
- ④ **面板体固定：**
将面板除去边框后，通过固定铁框将面板用螺丝固定在预埋底盒上
- ⑤ **边框安装：**
将边框顶部的搭扣槽与面板体铁框的相应位置卡上后从上往下固定，使其与底部的搭扣槽也固定上；
- ⑥ **测试和使用**
通过 ETS 配置好每个按键的功能后，既可轻触相应按键执行对应的总线动作。并根据总线数据与相应按键得状态指示灯做对应

技术参数

电源供应	21 – 30V DC KNX 总线直接供电
耗电量	< 10 mA
接插件	螺丝
工作温度	0°C to +70°C
储藏温度	-25 °C to +70°C
防护等级	IP20
指示灯	当按下编程按钮时，编程指示灯会打开
安装/尺寸	40 X 85 X 85mm 嵌墙 86 底盒安装

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Touch Sensor

Operating instructions



Art. No. KTE2KS/KTE4KS/KTE6KS

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Getting to know

The KNX Touch sensor is plugged into a flush mounted 80/86 box. Its 2 to 4 keys can be adjusted with different functions in various combinations (switching, dimming, blind, scene recall/restore, and brightness value, etc.).

With the appropriate parameters, it sends telegrams, for example, to actuators for switching on/off lights, for dimming lights, for recalling and saving light scenes, or for moving blinds/shutters up or down and even to send temperature or brightness values (2 Bytes) to the bus.

Status and operation indication is possible with 2 up to 4 LED's, which means each key has its own status LED.

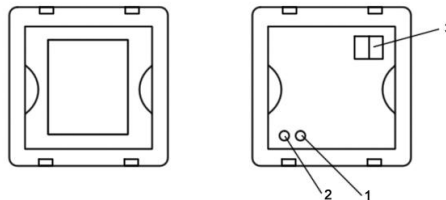
Function Description

- ◆ Function switching:
command at pressing/releasing of the touch sensor adjustable (ON, OFF, Toggle, None);
two level or One-key toggle;
- ◆ Function dimming:
short-click can retrieve ON/OFF;
long-press can retrieve darker/brighter, and after that release the press means stop dimming;
the short or long time can be parameterized;
- ◆ Function shutter/blinds:
short-click means stop/step;
long-click means UP/DOWN;
time between short and long time operation adjustable;
- ◆ Function value transmitter:
dimming value retrieve;
brightness/temperature value transmit;
scene recall/save or learn when pressing more than 6 seconds;
- ◆ LED Status display:
operating display or by communication object,
and the brightness of the LED status can be parameterized by ETS;

i Note

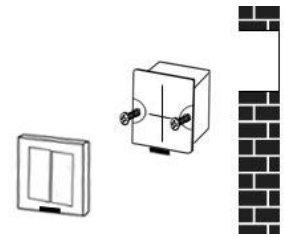
The style of the Glass Panel, such as the color, background, or the fonts can be designed for each customer. More information, please contact us.

Operating elements



- ④ Screw hole, left
- ⑤ Screw hole, right
- ⑥ Buckle for fixing
- ⑦ Gap for the Buckle
- ⑧ Programming button
- ⑨ Programming LED, red
- ⑩ BUS+
- ⑪ BUS-

How to install the device



- ① **86/80 bottom box pre-installed**
- ② **Wiring:**
connecting the KNX BUS at the back of the touch sensor (see figure above);
- ③ **Physical Address:**
First you should assign the physical address before you mount the touch sensor into the wall. Now please Press the program button and using ETS to download the physical address;
- ④ **Mounting:**
fix the body of the touch sensor into the bottom box by using the matched screws
- ⑤ **Glass panel:**
Finally mount the glass panel onto the body of the touch sensor. Please note the direction of the glass (the **gap** should be at the bottom.)
- ⑥ **END:**
after the initialization-time (about 10 seconds), you can download the program and finish the work.

Technical Data

Supply	21 – 30V DC From KNX bus
Current consumption	< 10 mA
Connectors	Screw connections
Ambient temperature	0°C to +70°C
Storage temperature	-25 °C to +70°C
Type of protection	IP20
Indicator	Programming LED On when pushing the programming button
Install/Dimensions	40 X 85 X 85mm Wall mounting