

Technical Sheet For KNX Push Button Sensor with Secure, 4/6/8 buttons

CHPB-04/02.S.2x

CHPB-06/02.S.2x

CHPB-08/02.S.2x

(x=0: White; x=1: Black; x=2: Silver; x=3: Gray;
x=4: Golden)



The worldwide STANDARD for home and building control

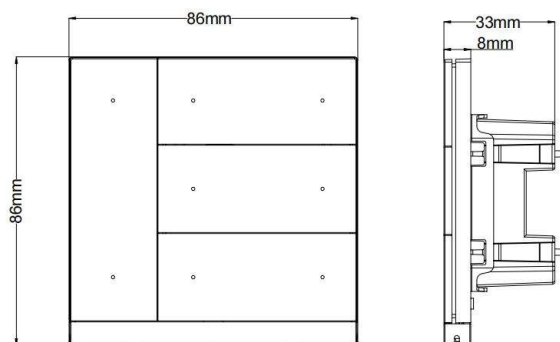
CHARACTERISTICS

- Switch and Dimming
- Blind control
- Value sender
- Scene control
- Shift register
- RGB, RGBW and colour temperature control
- Multiple operation
- Delay mode
- Send RTC operation mode
- Send Strings
- Built-in temperature sensor
- Logic output, Scene group output;
- RGB LED indication function
- Support the KNX Data Secure

PARAMETERS

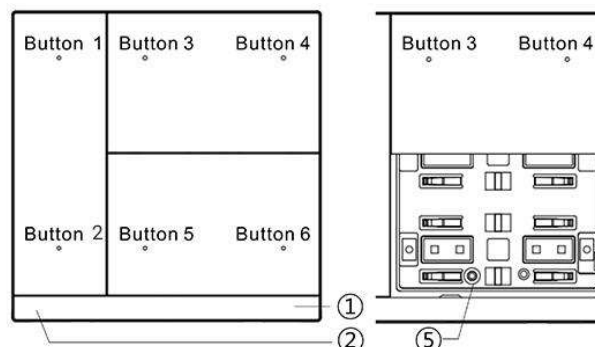
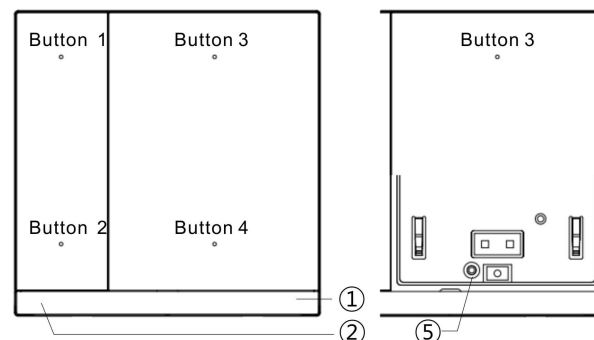
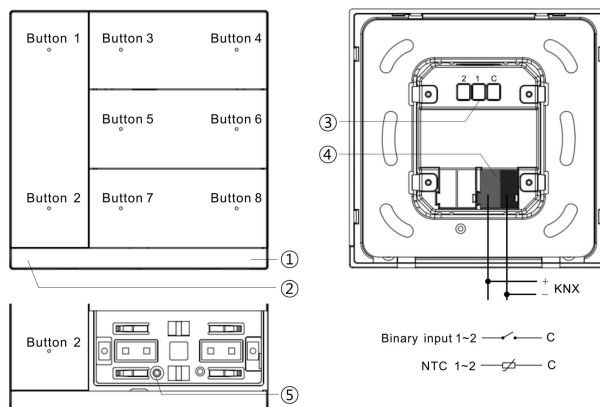
Power Supply	Bus voltage	21-30V DC, via the KNX bus
	Bus current	<18.4mA/24V, <14.9mA/30V (8 Key) <15.1mA/24V, <12.2mA/30V (6Key) <12.2mA/24V, <10.0mA/30V (4Key)
Input Connection	Bus consumption	<447.0mW (8 Key) <366.0mW (6 Key) <300.0mW (4 Key)
	2 external inputs, as dry contact input or 10K NTC input	
Temperature	Operation	- 5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
Environment	Transport	- 25 °C ... + 70 °C
	Humidity	<93%, except dewing

DIMENSIONS



Model	Dimension	Weight
CHPB-04/02.S.2x CHPB-06/02.S.2x CHPB-08/02.S.2x	86 × 86 × 33mm	0.09kg

DESCRIPTIONS



- ① Internal temperature sensor
- ② Programming button and LED
- ③ Input terminals
- ④ KNX bus connection terminal
- ⑤ Fit bolt for anti-theft protection (included with the rocker cover)

Reset the device to the factory configuration: press the programming button and hold for 4 seconds then release, repeat the operation for 4 times, and the interval between each operation is less than 3 seconds

INSTALLATION FIGURE

The device can be installed in a conventional 80mm or 86 mm wiring box. It requires KNX bus powered. 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.

IMPORTANT INFORMATION

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.

KNX 安全 4/6/8 键智能面板技术规格书

适用型号：
CHPB-04/02.S.2x(金属款)
CHPB-06/02.S.2x(金属款)
CHPB-08/02.S.2x(金属款)
(x=0：皓月白；x=1：曜夜黑；x=2：流光银；x=3：静谧灰；
x=4：璀璨金)

国际标准的家庭和楼宇控制系统



产品功能

- 开关和调光
- 窗帘控制
- 值发送
- 场景控制
- 移位寄存器
- RGB 、RGBW 和色温控制
- 多重操作
- 延时发送值
- 发送 RTC 操作模式
- 发送字符串
- 内置温度传感器
- 逻辑输出，场景组输出
- RGB LED 指示功能
- 支持 KNX 安全

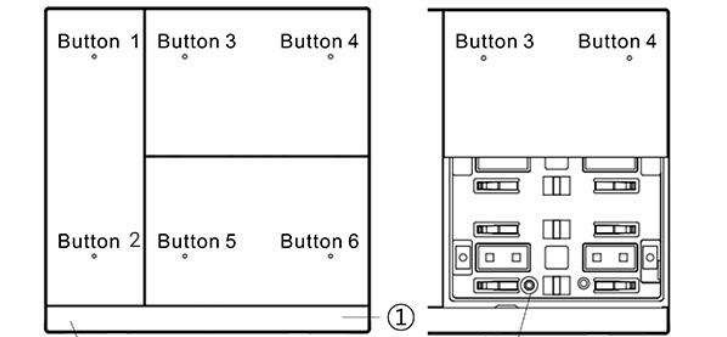
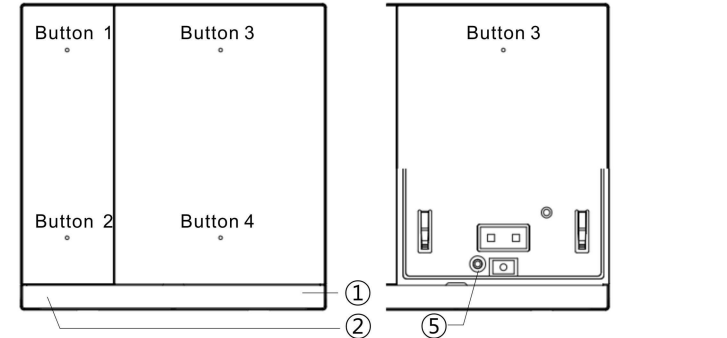
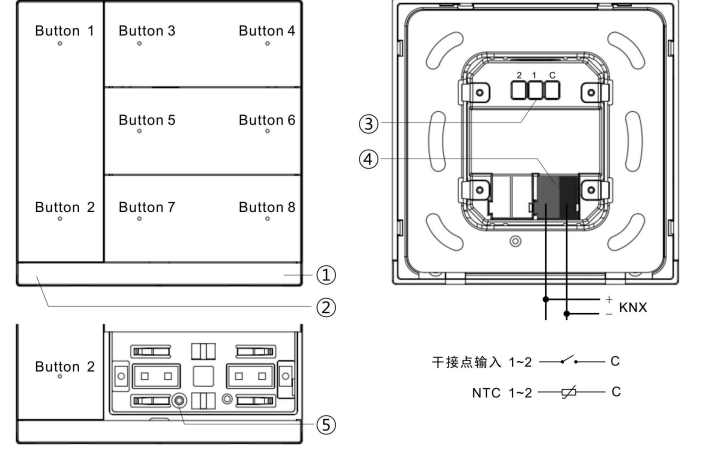
技术参数

电 源	总线电压	21-30V DC，由 KNX 总线提供
	总线电流	<18.4mA/24V，<14.9mA/30V (8 键) <15.1mA/24V，<12.2mA/30V (6 键) <12.2mA/24V，<10.0mA/30V (4 键)
总 线 功 耗	总线功耗	<447.0mW (8 键)
		<366.0mW (6 键)
		<300.0mW (4 键)
输 入 连 接	2 路外部输入，可作为干接点输入或 10K NTC 输入	
	KNX	总线连接端子(红/黑)
	输入	螺丝接线柱连接，多芯 0.2-1.5mm ² 单芯 0.2-2.5mm ² ，扭力矩 0.4N·m 线长<5m
温 度 范 围	运行	- 5 °C ... + 45 °C
	存储	-25 °C ... + 55 °C
	运输	- 25 °C ... + 70 °C
环 境 条 件	湿度	<93%，结露除外

尺寸规格

型号	尺寸	重量
CHPB-04/02.S.2x CHPB-06/02.S.2x CHPB-08/02.S.2x	86 × 86 × 33mm	0.09kg

接线图



- ①内置温度传感器
- ②编程按钮和 LED
- ③输入连接端子
- ④KNX 总线连接端子
- ⑤防盗螺丝锁孔（可暗藏于翘板下面）

重置设备到出厂配置：长按编程按钮约 4 秒，长按 4 次，且每次松开间隔小于 3 秒

安装说明

此设备采用标准的 80 盒或 86 盒墙装方式，仅需 KNX 总线供电。参数的设置和物理地址的分配可以使用带有.knxprod 文件的工程设计工具软件 ETS(版本 ETS 5.7 或以上)。安装时必须确保辅助供电和总线连接正常、设备工作正常。

重要提示

- 安装和调试设备只能由合格的熟练电工来操作。在计划与实施电气安装的过程中相关的标准、指令、规则和指示都要严格执行。
- 需要避免器件在运输、储存、使用的过程中受潮、脏污以及受损。
- 不要使器件运行在指定的技术指标之外（例如温度范围）。
- 当设备脏污时，只可以使用干燥的布来清洁。如果这样不足以清洁干净，可以使用湿布蘸少许肥皂溶液轻轻擦拭。绝不能使用碱性或者腐蚀性溶剂。