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

CHPB-04/02.1.xy
CHPB-06/02.1.xy
CHPB-08/02.1.xy
(x=0: Plastic; x=2: Metal)
(y=1: Black; y=2: Silver; y=3: Gray; y=4: Golden)

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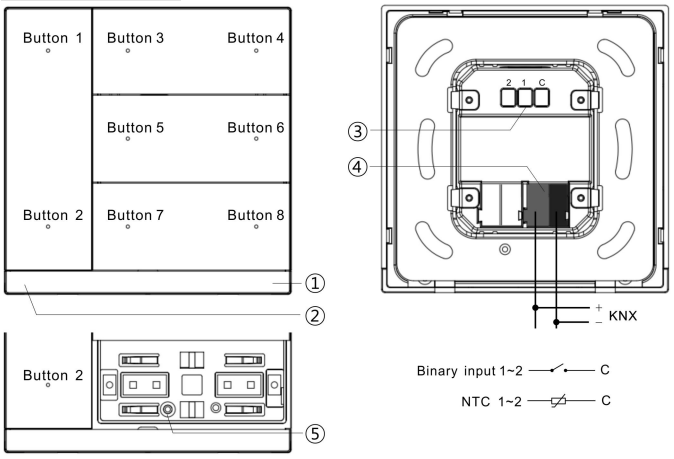
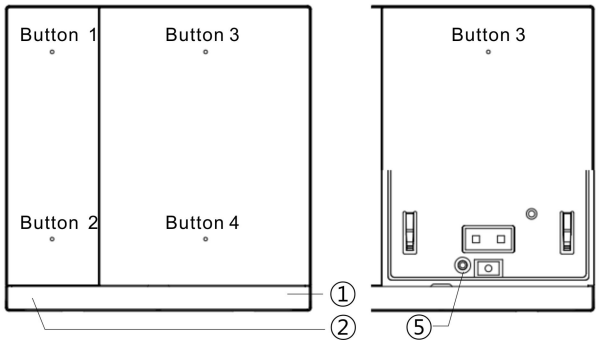
DESCRIPTIONS



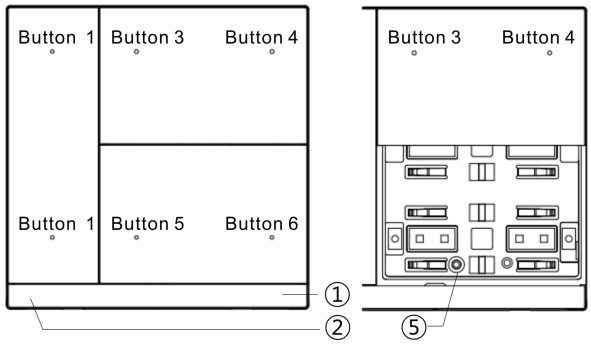
CHARACTERISTICS

- 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



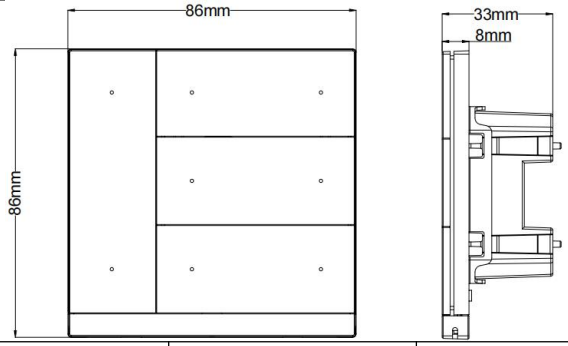
PARAMETERS

Power Supply	Bus voltage	21-30V DC，via the KNX bus
	Bus current	<21mA, 24V <18.5mA, 30V
	Bus consumption	<555mW
Input	2 external inputs, as dry contact input or 10K NTC input	
Connection	KNX	Bus connection terminal(Red/Black)
	Input	Screw terminals, Wire Range: Multi-core 0.2-1.5mm^2 Single core 0.2-2.5mm^2 Torque 0.4N-m Length <5m
Temperature	Operation	– 5 °C ... + 45 °C
	Storage	–25 °C ... + 55 °C
	Transport	– 25 °C ... + 70 °C
Environment	Humidity	<93%, except dewing



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

DIMENSIONS



Model	Dimension	Weight
CHPB-04/02.1.xy CHPB-06/02.1.xy CHPB-08/02.1.xy	86 × 86 × 33mm	0.09kg

INSTALLATION FIGURE

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

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