

# Base for smart switch

TapHome base unit for Gen2 smart switch. Variants with 1-6 buttons, optional CO2 sensor. Temperature and humidity sensor, RGB LED backlight.










## Quick Facts

Dimensions	80 × 80 × 12 mm
Operating temperature	-10 ... 55 °C
IP rating	IP20
Power consumption	0.5 W

Base unit to which a decorative cover is attached. The buttons are configurable to control lights or blinds. Includes temperature and humidity sensors. Dimmable night light from the sides.

For a complete switch, you need to order the base and the cover separately. We will assemble them and ship the complete product.

## Product Variants

Order Code	Layout	CO2 senzor	EAN
TH-PBT1-2.1	1 tlačidlo	Nie	 8586022930805
TH-PBT2-2.1	2 tlačidlá	Nie	 8586022930812
TH-PBT4-2.1	4 tlačidlá	Nie	 8586022930829
TH-PBT5-2.1	5 tlačidiel	Nie	 8586022930836
TH-PBT5-CO2-2.1	5 tlačidiel	Áno	 8586022930843
TH-PBT6-2.1	6 tlačidiel	Nie	 8586022930850
TH-PBT6-CO2-2.1	6 tlačidiel	Áno	 8586022930867

## Technical Specifications

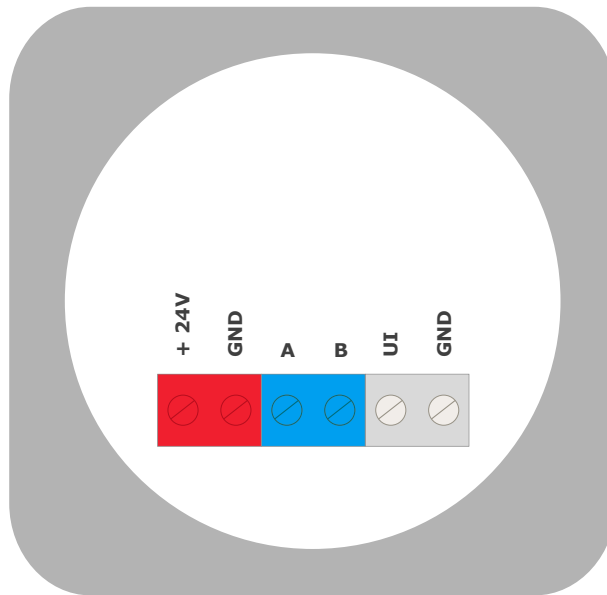
ELECTRICAL	
Power supply	24 VDC (via TapHome Bus)
Bus	TapHome Bus
INPUTS	
Touch inputs	1–6 (depends on Decor layout)
GENERAL	
Night light	Yes (per-button LED)
MEASUREMENT	
Temperature measurement range	-10–55 °C (±0.5 °C)

## Terminal Connectors

Connector	Pins	Wire range	Strip length
● Power	+24V, GND	0.14–1.5 mm <sup>2</sup> (30–14 AWG)	7 mm
● Bus	Bus A, Bus B	0.14–1.5 mm <sup>2</sup> (30–14 AWG)	7 mm
● Input	UI, GND	0.14–1.5 mm <sup>2</sup> (30–14 AWG)	7 mm

## Wiring Diagram

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## Features

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- Touch control
- Acoustic feedback
- Temperature and relative air humidity sensor
- Dimmable LED light from the sides
- 1 UI input for floor temperature sensor or other additional input
- Dimensions 88x88x12 mm
- It works on the internal TapHome bus with wired power and communication
- Power consumption max. 0.1 W with LED off / 0.2 W with LED on
- Operating temperature 0 to 40 °C
- Installation in a standard junction box for light switches

## Installation and Disassembly

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**Installation:** First, secure the installation frame onto the KU installation box, ensuring that the arrow labeled “TOP” points upwards and the ventilation openings are facing downwards. Then, snap the product onto the installation frame by first inserting the hooks on the top of the product into the frame, and then gently pressing to secure the bottom part. **Disassembly:** Insert a narrow flathead screwdriver into the small notch on the hook at the bottom of the installation frame. Gently pry the hook out of its socket and hold it in place with your hand to prevent it from snapping back into its original position. Repeat this process on the hook on the other side, which will release the bottom part of the product, allowing you to remove it completely.

[Mounting and dismounting](#)



**Product page**

<https://hardware.taphome.com/pbt-device/>

