bauterTOUCH · Touch panels

5-Button Switch

Part no. **BCTP05B**

The BCTP05B controls key lighting and shading functions in guestrooms. Five capacitive buttons operate motorised curtains (open/close), a master ALL ON/OFF function, spot lighting and night light.

RS485 Modbus RTU ensures reliable two-way communication.



5	4	24 V	RS485
Touch buttons	Glass colours	DC supply	Modbus RTU

General

Series	bauterTOUCH
Product type	Glass touch panel (capacitive)

Operation and display

Sensor type	Capacitive (touch)
Buttons	5
Functions	Momentary/toggle, night mode, buzzer
Icon illumination (LED)	Neutral, green, blue, red
Icons and labels	Fully customisable
Finishes (glass colour)	Black, gold, silver, white

Communication and electrical data

Communication	RS485, Modbus RTU
Supply voltage	24 V DC
Current consumption	≤ 30 mA
Connection type	Pluggable spring terminals (push-in), 2 × 2-pole top: 24V, GND · bottom: A, B (RS485)
Addressing	Modbus address via 4-pole DIP switch (rear)

Mechanical data

Mounting	In electrical installation box (flush/cavity wall box) Recommended: Ø 60 mm, min. 40 mm deep
Fixing	Mounting plate fixed to the box with 2 screws, device (glass front with housing) clipped on
Front dimensions (W × H)	95 × 95 mm
Projection from wall	12 mm (glass 4 mm + mounting plate 8 mm)
Installation depth behind wall	25 mm incl. terminals (housing 19 mm + terminals 6 mm)
Flush part (W × H)	42 × 50 mm (incl. snap-in lugs)
Weight	150 g
Material	Front: tempered glass Housing: ABS/PC
Degree of protection	IP20

Ambient conditions

Operating temperature	0 … +45 °C
Storage temperature	0 … +60 °C
Relative humidity	10 … 95 %, non-condensing

Standards and approvals

Compliance	CE, EU RoHS

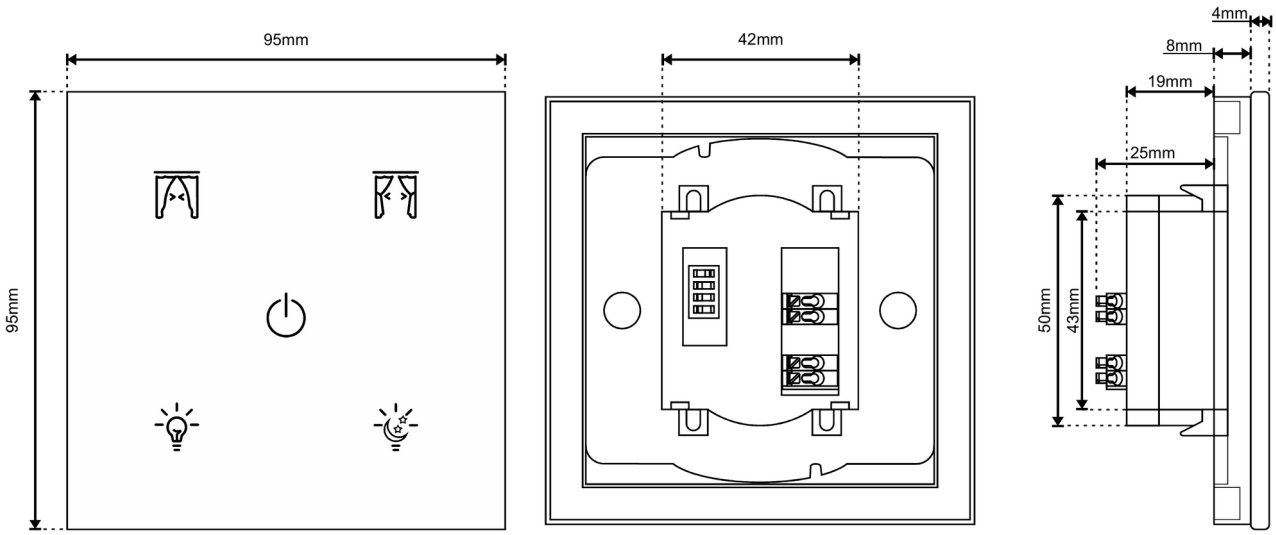
Packaging

Packaging unit	1 piece
Packaging material	Cardboard
Packaging dimensions (L × W × H)	109 × 98 × 65 mm

Environment and disposal

Built to last	Designed for a long service life
Disposal (WEEE)	Dispose of in accordance with WEEE regulations – never with household waste

Dimensional drawing



Dimensions in mm. Shown: BCTP05B – front, rear, side view