LUXION by Case-Smart

DATASHEET
LX-WT2-RA101G-B

LUXION Single Wi-Fi + RF433 Touch Switch with Glass Frame

LUXION single touch switch with glass panel and control via Wi-Fi, RF433 remote control, the Smart Life app and voice assistants.




Black


Gold


Grey


White

CODES

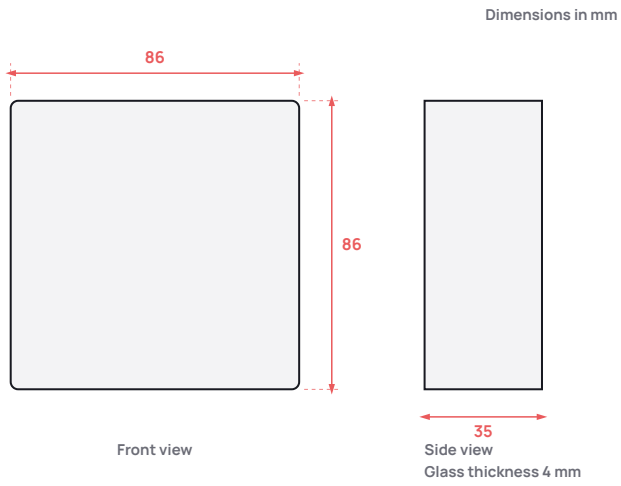
Colour	Code
Black	LX-WT2-RA101G-B
Gold	LX-WT2-RA101G-G
Grey	LX-WT2-RA101G-GY
White	LX-WT2-RA101G-W

SPECIFICATIONS

Brand	LUXION
Standard	German (Schuko)
Category	Touch switches › Single touch switches
Connectivity	Wi-Fi, RF433
Product type	Smart single Wi-Fi + RF433 touch switch with glass frame
Function	Touch, ON / OFF; timer, schedule, group control (family sharing), scenes; RF433 remote control
Number of buttons	1
Operating voltage	80–260 V AC
Frequency	50–60 Hz
Maximum load	0–1000 W/channel; LED or energy-saving bulbs: below 300 W/channel
Neutral (N)	Optional – with neutral, or in a conventional installation without neutral only together with the Wi-Fi adapter
Protocol	Wi-Fi 2.4 GHz, 802.11 b/g/n (no hub, directly to the router) + RF433

Compatibility	Smart Life app; Amazon Alexa, Google Home, IFTTT; Luxion RF433 remote controls (touch or key-fob, sold separately)
LED indicator	Blue when the light is on, dim blue when it is off
Front material	Toughened safety glass
Glass thickness	4 mm
Base material	Flame-retardant PVC plastic
Front dimensions (W × H)	86 × 86 mm
Depth	35 mm overall
Protection rating	IP20
Operating temperature	-20 °C ~ 70 °C
Operating humidity	≤ 95%
Colours	white, black, grey, gold

DIMENSION DRAWING



DESCRIPTION

Luxion single Wi-Fi + RF433 touch switch with glass panel. LUXION switches stand out for their compact, elegant and minimalist design. They are versatile in use and the touch sensor is extremely precise, the same as that of a smartphone. The construction is durable and the switches do not discolour over time. It is a practical product, made from quality materials and built to last, offering functionality and comfort in your home.

It can be installed in a wiring setup with a neutral wire or in a conventional setup (without neutral), but only together with the Wi-Fi adapter.

It connects directly to the Wi-Fi router, with no hub required, and is controlled via the Smart Life app, by voice commands via Amazon Alexa and Google Home, and with the Luxion RF remote control or the key-fob remote control. Please note: the remote control is sold separately!

switches. The single touch switch combines Wi-Fi and RF433 control in an elegant safety-glass panel.

- Single touch switch (1 button)
- Wi-Fi + RF433 connectivity
- Available in white, black, gold and grey

Precise touch sensor

The touch sensor is extremely precise, the same as a smartphone's sensor.

Moisture resistant

It can be used in damp areas.

Does not discolour

The elegant design stays unchanged over time.

Multiple control options

The Wi-Fi + RF433 switch connects to the Wi-Fi router and can be controlled in several ways.

- App control
- Voice control
- RF remote control

Control via the Smart Life app

Change the atmosphere of your home with a simple touch. Open the Smart Life app and adjust the lighting exactly as you wish.

- LUXION Wi-Fi switches connect directly to the Wi-Fi router, with no hub required
- For app control you need to install the Smart Life app
- Timer, scheduling, group control (family sharing) and scene creation
- IFTTT compatibility

Scheduled operation

The switch can be programmed to suit you, for example for the light to turn on at 8:00 and off at 22:00.

Wi-Fi + RF433 switch to turn the lights on or off.

- Example: "Alexa, turn on the light!"

RF433 remote control

With a Luxion RF433 remote control (touch remote or key-fob remote) you can turn Luxion RF switches on and off from a distance.

- The RF remote control is NOT included and is sold separately

Construction / materials

4 mm toughened safety glass panel and flame-retardant PVC plastic base.

- LED indicator: blue when the light is on, dim blue when it is off
- Composition: LX-WT2-RA101 mechanism and LX-GP001 panel

Dimensions

Dimensions: 86 x 86 x 35 mm.

Installation / wiring diagram

The wiring diagram shows two connection options: one without a neutral wire in the flush-mounted box and one with a neutral wire in the flush-mounted box.

- Neutral (N) and live (L) connections
- Option 1: NO neutral wire required in the flush-mounted box
- Option 2: neutral wire required in the flush-mounted box
- In a conventional installation without neutral, it can only be fitted together with the Wi-Fi adapter
- Terminals: L3, L2, L1, L, N
- Operating voltage: 80-260V AC
- Load: 0-1000W/channel
- For LED or energy-saving bulbs: load below 300W/channel
- Caution: switch off the power supply during installation and removal