Shelly BLU Door/Window ZB
Bluetooth & Zigbee door/window sensor

EAN code, white: 3800238072612
EAN code, black: 3800238072636
EAN code, brown: 3800238072650

Product description

The Shelly BLU Door/Window ZB is an ultra-compact door and window sensor with long battery life and fast response when a door or window is opened or closed. In addition to open/close detection, it includes a built-in lux sensor and tilt sensor, making it suitable for tilt-and-turn or angled windows.

The device uses Bluetooth for instant reaction and includes built-in Zigbee for integration with third-party Zigbee platforms.

Shelly BLU devices require a gateway for network access. Any Shelly Pro, Gen3, or Gen4 device, or the Shelly BLU USB Gateway, can act as a gateway. If you already have a Shelly device on your Wi-Fi, it automatically functions as a gateway for BLU devices.

Technical data

Physical	
Size (HxWxD):	• 35x35x7 mm ±0.5 mm (Sensor unit) • 35x12x7 ±0.5 mm (Magnet)
Weight:	• 10 g ±1 g (Device with the battery) • 8 g ±1 g (Magnet)
Shell material:	Plastic
Environmental	
Ambient temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Electrical	
Power supply:	1x 3 V CR2032 battery (included)
Battery life:	5 years
Sensors	
Reed switch	Yes
G-sensor	Yes
Light sensor	Yes
Radio	
Max. RF power:	<8 dBm
Bluetooth Protocol:	5 (LE)
Bluetooth Range:	Up to 10 m indoor and 30 m outdoor
Zigbee	
Protocol:	802.15.4
RF band:	2405 to 2480 MHz
Max. RF power:	< 8 dBm
Range:	Up to 10 m indoors and 30 m outdoors