

EnOcean

Bluetooth Low Energy radio transmitter

Thermoplastic (breakproof) high-gloss

2-channel

including mounting plate, adhesive film and fastening screw

- Smart switch for wireless device control using wireless standard Bluetooth Low Energy (BLE)
- For switching, dimming and controlling individual light scenes
- Mounting on flush box according to EN 60670-1, screw fixing on walls or adhesive fixing on smooth, even surfaces (glass)
- Battery-free device without external power supply
- Transmitting energy is generated from mechanical energy of actuation (energy harvesting)
- Encrypted transmission with AES-128 (CBC mode) and sequence counter
- Compatible with these wireless Bluetooth systems: Casambi, XICATO Controls, Häfele Connect, WiSilica, Wirepas, Blu2Light (Vossloh Schwabe), Aruba, Fulham, Helvar
- Configuration interface: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 + 3)
- Automatic range extension (depending on the system) via BT Mesh devices connected to the mains

Technical data

Radio frequency: 2.402 ... 2.480 GHz

Transmission range

in free field: up to 75 m

in buildings: approx. 10 m

Transmitting power: 0.4 dBm / 1.1 mW

Ambient temperature: -5 ... +45 °C

Storage/transport temperature: -25 ... +65 °C

Atmospheric humidity: 0 ... 95 % (no condensation)

Material: thermoplastic

Laser labelling possible

Colour: white

Manufacturer: JUNG

Ref.-no.: BLE A 590 WW