

Product data sheet

Bluetooth Low Energy radio transmitter



Reference number

BLE LS 995 XX

Bluetooth Low Energy radio transmitter

4-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, WiZ Pro, 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) |

Battery-free
by EnOcean



Version:

4-channel

 Laser labelling possible