Blu2Light

BLUETOOTH® WIRELESS TECHNOLOGY DEVICES FOR PUSHBUTTON OPERATION

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Blu2Light – The intelligent wireless lighting control solution

Blu2Light is the first completely open Bluetooth® wireless technology system with mesh functionality for the professional lighting market, which, in addition to a variety of functions for lighting control, offers the luminaire manufacturer added IoT benefits with maximum system security.

Blu2Light Connect PB4

Bluetooth® module with 4-way digital input for controlling a Blu2Light system via push buttons.

The Blu2Light Connect PB4 enables the manual operation of a Blu2Light system via up to 4 standard buttons. The product is maintenance-free due to a direct supply via mains voltage. The installation takes place in a standard flush-mounted box.

Blu2Light Connect PB4

- **ENABLES MANUAL OPERATION VIA UP TO 4 STANDARD BUTTONS**

- **INTEGRATED BLUETOOTH® MESH RADIO MODULE**

- **INSTALLATION IN STANDARD FLUSH-MOUNTED BOX**

- **MAINTENANCE-FREE**

- **OPERATING LIFETIME: 50,000 HRS.**

- **PRODUCT GUARANTEE: 5 YEARS**

5 YEARS GUARANTEE
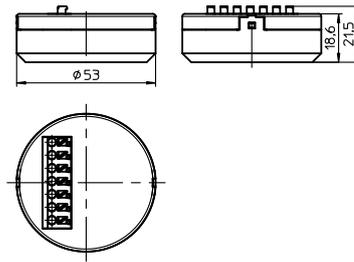
Blu2Light
Connect PB4

Field of application

For manual push-button operation via Bluetooth®
The Blu2Light Connect PB4 enables the manual operation of a Blu2Light system via up to 4 standard buttons.

The product is maintenance-free due to a direct supply via mains voltage.

The installation is provided in a standard flush-mounted box.

Individual events can be configured for each of the 4 digital inputs. In addition to executing previously defined scenes or sequences, automatic operation (sensor control) can also be started.

Type	Connect PB4
Ref. No.	186914
Communication	Blu2Light Mesh Network
Frequency range	2402–2480 MHz
HF output power	< 10 mW EIRP
Power consumption standby/operation	< 1 W
Power supply	220–240 V AC at 50–60 Hz
Ambient temperature t_a	0–45 °C
IP protection	IP20
Protection class	II
Casing material	Polycarbonate, white
Casing dimensions (dia. x height)	Ø 53x22 mm
Weight	32 g
Plush-in terminal for conductor cross section	1.5 mm²

Product guarantee

• 5 years
• The conditions for the Product Guarantee of the Vossloh-Schwabe Group shall apply as published on our homepage (www.vossloh-schwabe.com).
  We will be happy to send you these conditions upon request.

50 000 hours
Min. Service Lifetime

Guarantee 5 years

The values in this data sheet may change due to technical innovations and are subject to change without notice.

VS LIGHTING SOLUTIONS

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Blu2Light Connect PB4

General Safety Instructions

- Only qualified persons are allowed to install and start up Blu2Light products.
- Prior to installing and commissioning the system, read these instructions carefully. Only this will guarantee correct and safe handling. Please keep these instructions as you may need them later.
- The devices must always be disconnected before any work is carried out on them.
- When used in IT power supply systems, a 2-pole fuse must be provided, which disconnects the device from the mains on all poles.
- The applicable safety and accident prevention regulations must be observed.
- Opening by unqualified personnel of the products is prohibited: Risk of death from electric shock!
  The devices must only be repaired by the manufacturer.
- Supply of external voltage to the input side, e.g. 230 V mains voltage, may destroy the products.
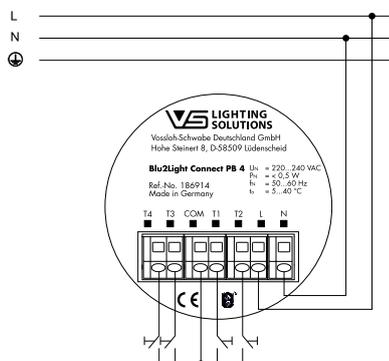- Only AC voltage may be connected.

Mounting

- The Bluetooth® module with 4-fold digital input is intended for use in a standard flush-mounted box.
- First connect the buttons/switches to the Connect PB4 module via the plug-in terminals (T1, T2, T3, T4, COM).
- Make sure the polarity is correct according to the connection markings.
- L and N must be connected correctly and must not be reversed.
- Mount the push button cover.
- Switch on the power supply.

Installation instructions

- The module must be placed inside the switch box and connected to the 230 V AC supply by means of an on-site terminal.
- Conductor cross-section input side: 1.5mm² for rigid or flexible conductors.
- Only buttons or switches suitable for mains voltage may be connected to inputs T1/T2/T3/T4 and COM.
- Pay attention to the correct polarity of L and N.
- Input T1, T2, T3, T4: max. 20 cm wire length per terminal

Setup and operation

- The Blu2Light luminaire installation devices are configured with LiNA Connect App.
- For the exact procedure for configuring the devices, please refer to the instructions in the Blu2Light App or the corresponding documentation.
- An Apple iPad is required for setup. This is not included in the delivery.

LiNA Connect (configuration)	iOS
iPad	version 10 and higher

LiNA Touch (operation)	iOS	Android
Tablet or Smartphone	version 10 and higher	version 5.0 or higher

Bluetooth® wireless technology

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CE

We, Vossloh-Schwabe Deutschland GmbH, herewith confirm that these devices comply with the basic requirements of the directive 2014/53 / EU and other relevant directives. The entire text of the declaration of conformity can be obtained from the following address: www.vossloh-schwabe.com

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Wiring diagram

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