



BLUETOOTH® 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-CR IND**

Bluetooth® module with 4-way digital input for controlling a Blu2Light system via push buttons and attached coupling relay for longer cable runs.

The Blu2Light Connect PB4-CR IND 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 suspended ceiling.

### **Blu2Light Connect PB4-CR IND**

- **ENABLES MANUAL OPERATION VIA UP TO 4 STANDARD BUTTONS**
- **INTEGRATED BLUETOOTH® MESH RADIO MODULE**
- **MAINTENANCE-FREE**
- **OPERATING LIFETIME: 50,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



## Blu2Light Connect PB4-CR IND

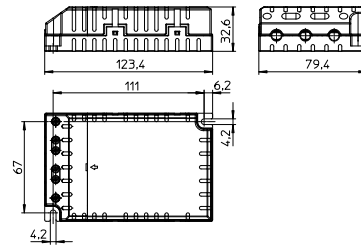
### Field of application

For manual push-button operation via Bluetooth®  
The Blu2Light Connect PB4-CR IND 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 suspended ceiling. 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	Blu2Light Connect PB4-CR IND
Ref. No.	187351
Communication	Blu2Light Mesh Network
Frequency range	2402–2480 MHz
HF output power	< 10 mW EIRP
Power consumption standby/operation	0.5–3 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 (length x width x height)	123.4x79.4x32.6 mm
Weight	194 g
Push-in terminal for conductor cross section	1.5 mm <sup>2</sup>
Allowed cable length	50 m

### 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](http://www.vossloh-schwabe.com)). We will be happy to send you these conditions upon request.



## Blu2Light Connect PB4-CR IND

### 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.

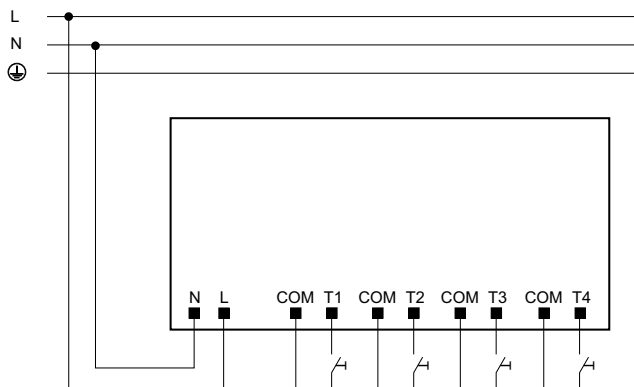
### Mounting

- The Bluetooth® module with 4-fold digital input is intended for use in a suspended ceiling.
- First connect the buttons to the Blu2Light Connect PB4-CR IND 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 cord grip.
- Switch on the power supply.

### Installation instructions

- Only buttons suitable for mains voltage may be connected to the T1/COM, T2/COM, T3/COM and T4/COM inputs.
- The module must be placed horizontally in the suspended ceiling (with the bottom of the device facing the mounting surface) and connected to the 230 V AC supply by means of a terminal provided by the customer. Then the cord grip must be put on and screwed tight.
- Make sure that the polarity of L and N is correct.

### Wiring diagram



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

### 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 Android / iOS Tablet is required for setup. This is not included in the delivery.
- For information on the iOS and Android operating systems that can currently be used, refer to the LiNA Connect/ LiNA Touch manual:



### Bluetooth® wireless technology

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Vossloh-Schwabe is under license. Other trademarks and trade names are those of their respective owners.

### Important note:

Please refer to the installation instructions included with the product and the applicable Blu2Light system data sheet before installation. Make sure that the Bluetooth radio signal can propagate freely according to the specifications.



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](http://www.vossloh-schwabe.com)

Vossloh-Schwabe Deutschland GmbH  
Stuttgarter Straße 61/1  
73614 Schorndorf  
Germany