



BLUETOOTH® WIRELESS
TECHNOLOGY DEVICES FOR
INSTALLATION IN LUMINAIRES



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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 Power Splitter IND

Innovative Power Splitter as an extension for the use of 2 nodes on one power supply.

The Blu2Light Power Splitter IND is suitable for applications in which 2 nodes have to be connected to one Power Supply as an extension in small rooms.



Blu2Light Power Splitter IND

- **CONNECTION OF 2 NODES POSSIBLE**
- **SLIM HOUSING DESIGN**
- **EXTENSION FOR THE POWER SUPPLY 15 / 40 AND THE EXTENDER 64**
- **OPERATING LIFETIME: 50,000 HRS.**
- **PRODUCT GUARANTEE: 5 YEARS**



Blu2Light Power Splitter IND

Technical data:

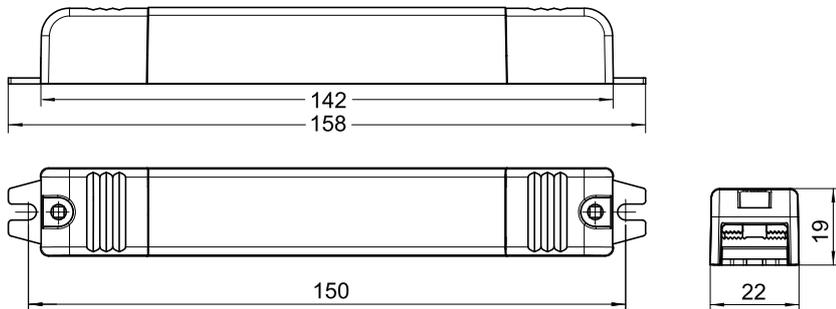
- For luminaire installation and independent mounting with cord grip
- Mounting: M3 screws

Ref. No.: 187280



Type	Power Splitter IND
Ref. No.	187280
Supply voltage	14–18 V (DALI supply voltage)
Ambient temperature t_a	5–50 °C
Air humidity	5–95 %
DALI Output (da+–)	max. 30 mA per output
Degree of Protection	IP20
Protection Class (luminaires)	II
Weight	40 g
CE requirement	Immunity to electromagnetic interference in acc. with EN 61547, Radio interference suppression in acc. with EN 55015, Safety in acc. with EN 61347-2-11

Dimensions:



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.



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

Blu2Light Power Splitter 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.
- 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.

Mounting

First connect the Power Splitter IND to the secondary side of the Power Supply and then connect the two nodes you want to use to the output of the Power Splitter. Then connect the remaining output of the power supply to the DALI inputs of the LED drivers (see connection example). At the end, connect the supply voltage to the Power Supply and to the DALI LED drivers.

Power supply

Inputs can only be connected to the DALI supply voltage 14–18 V DC. Please refer to our system overview for suitable VS power supplies and corresponding drivers.

Installation instructions

Conductor cross-section input side: 0.5–1.5 mm² for rigid or flexible conductors, 6 mm max. wire diameter

Conductor cross section output side: 0.5–1.5 mm² for rigid or flexible conductors, 6 mm max. wire diameter

Important note:

Please refer to the installation instructions included with the product and the applicable Blu2Light system data sheet before installation. The connection of additional LED drivers to the secondary side of the power splitter is not permitted.



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:

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

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