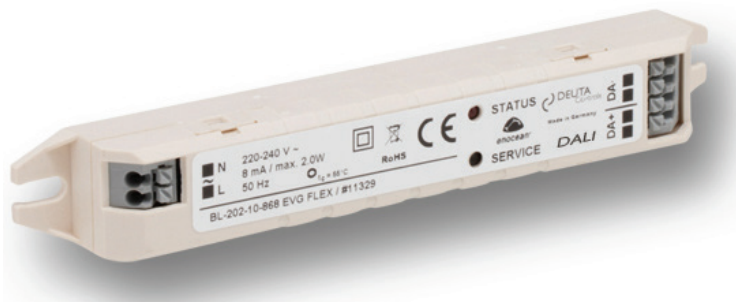


## BL-202-10-868 EVG FLEX EnOcean-DALI-Controller

Light controller, free configurable with PC-Software BL-PC-FLEX

Part nr.: 11329

Interfaces: 1x DALI Master, 1x EnOcean Master bidirectional, supply voltage: 230 V AC



# DALI

The EnOcean-DALI-Controller **BL-202-10-868 EVG FLEX** provides one DALI Master and an integrated DALI power supply to connect up to 15 DALI slaves / ballasts (Iout max.= 30 mA). No external DALI power supply is needed.

In addition, an EnOcean wireless transceiver is integrated. These interfaces allow to setup an easy combination of DALI ballasts or LED drivers and wireless EnOcean technology, like light switches.

The controller has to be supplied by 230V AC

It is **free configurable** via PC configuration tool **BL-PC-FLEX** (has to be ordered separately).

## Technical data

### Interfaces

Type	DALI Master
Number	1
Output current	Max. 30 mA (15 slaves)
Output voltage	Typ. 16V DC (+/- 5%)
Galvanic isol.	Yes

Type	EnOcean Master
Number	1
Transmit / Receive frequency	868.0 MHz / ASK
Occupied frequency band	868.0 – 868.6 MHz
Maximum transmission power	Typ. 3 dBm @ 868.300 MHz
EN 300200 receiver category	2

### User interfaces

Service button	Yes, 1, at the front
Service LED	1x, red

### Housing / connectors

Connection technology	Spring clip, push-in, max. 1.5mm <sup>2</sup> inflexible, max. 1.0mm <sup>2</sup> flexible with cable end sleeves
Housing	UL-V0, light grey

### Power supply

Supply voltage	230V AC
Power consumption	Typ. 1.4W, max 2.0W

### Environmental conditions

Operating temperature	+5°..+50°C
Storage temperature	-20°..+70°C
Humidity	10..95% rel. Humidity, non condensing
Protection class	IP20

### Dimensions and weight

Weight	55g
Dimensions	148 x 21 x 19 mm

### Standards / approvals

CE	2014/53/EU RED directive 2011/65/EU RoHS directive
Approvals / tests	DIN EN 60950-1:2011 + A12 Cor. 1:2012 + Cor. 1:2012 EN 61000-6-2:2005 EN 61000-6-3:2007 + A1:2011 + Cor 1:2012 EN 301 489-1:2011 V1.9.2 EN 301 489-3:2013 V1.6.1 EN 300 220-2:2012 V2.4.1

## Short description

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### Supply voltage

The BL-202-10-868 EVG FLEX has to be supplied by 230 V line voltage.

### DALI Master

The BL-202-10-868 EVG FLEX provides a DALI master according to the DALI specification. In addition, a DALI power supply is integrated. Up to 15 ballasts ( $I_{max} = 30 \text{ mA}$ ) can be connected to the controller without an additional DALI power supply.

### EnOcean Master / bidirectional

The integrated transceiver of type TCM310 is used to communicate with e.g. EnOcean actuators, sensors and the PC software BL-PC-FLEX.

### Service button / Service LED

The BL-202-10-868 EVG FLEX offers a service button, which has no current function. By the red service LED, several status informations will be displayed.

## Controller functions

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The EnOcean-DALI-Controller BL-202-10-868 EVG FLEX has to be configured with the PC configuration tool BL-PC-FLEX wireless with an EnOcean USB stick.

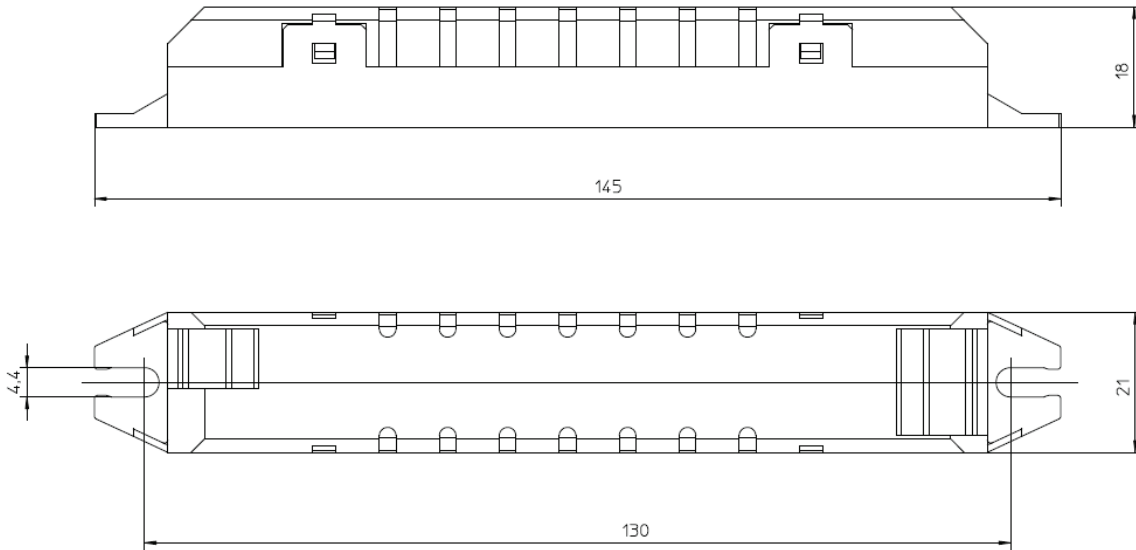
Many functions are available, for example DALI address assignment, DALI group assignment, timer and DALI scene setup. You can configure light switches, ambient light sensors and motion detectors to control the connected DALI ballasts. For a detailed description of the FLEX functionality, please read the manual of the BL-PC-FLEX software.

You will find the documentation on our homepage [www.deuta-controls.net](http://www.deuta-controls.net). Once you have installed the software, you will find the manuals in the tool bar under „Show Help“.

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**Dimensions: 148 x 21 x 19 mm**

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### Ordering information

Article text	Part number	Description
BL-202-10-868 EVG FLEX	11329	EnOcean-DALI-Controller series BL-202 funktion: Free configurable with BL-PC-FLEX software; 230V AC, 868MHz, EVG housing

### EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **BL-202-10-868 EVG FLEX** is compliant with the directive 2014/53/EU. You can download the complete EU Declaration of Conformity as a pdf-document on our homepage [www.deuta-controls.de](http://www.deuta-controls.de) in the area Service/Downloads (Dok. EUDC2017\_117).

Version 40, 29.06.2017