

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

Light controller, free configurable with PC-Software BL-PC-FLEX/BL-PC-FLEX-2

Part nr.: 11329

Interfaces:

1x DALI Master, 1x EnOcean 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 (I_{out} 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-2** (formerly BL-PC-FLEX, has to be ordered separately).

Technical data

Interfaces

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

Type	EnOcean
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 ² inflexible, max. 1.0mm ² flexible with cable end sleeves
Housing	UL-V0, light grey

Power supply

Supply voltage	230V AC
Power consumption	Typ. 0.8W, max 1.5W

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	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013 ETSI EG 203 367 DIN/EN 55032 EN/IEC 61000-4-2 EN/IEC 61000-4-3 EN/IEC 61000-4-4 EN/IEC 61000-4-5 EN/IEC 61000-4-6

Short description

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 actually no function. By the red service LED, several status informations will be displayed.

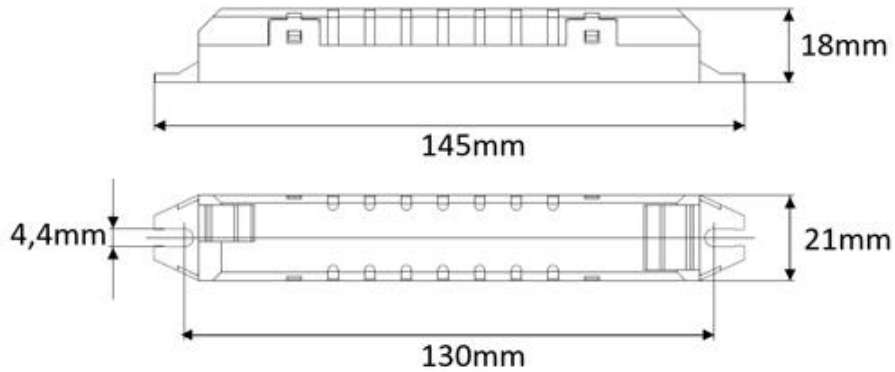
Controller functions

The EnOcean-DALI-Controller BL-202-10-868 EVG FLEX has to be configured with the PC configuration tool BL-PC-FLEX-2/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-2 software.

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

Dimensions


Ordering information

Article text	Part number	Description
BL-202-10-868 EVG FLEX	11329	EnOcean-DALI-Controller series BL-202 function: 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 in the area Service/Downloads (Dok. EUDC2020_149).

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