

BL-201-10-868 UP FLEX EnOcean-DALI-Controller

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



Part nr.: 11214

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



DALI

The EnOcean-DALI-Controller **BL-201-10-868 UP FLEX** provides one DALI Master and an integrated DALI power supply to connect up to 17 DALI Slaves / ballasts (Iout max.= 34 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. 34 mA (17 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 side
Service LED	1x, red

Housing / connectors

Connection technology	Screw contacts, max. 1,0mm ² flexible with cable end sleeves, or 1,5mm ² inflexible
Housing	UL-V0, black, for in-wall housing

Power supply

Supply voltage	230V AC
Power consumption	Typ. 2.8W, max 4.0W

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	40g
Dimensions	51x51x33 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

Supply voltage

The BL-201-10-868 UP FLEX has to be supplied by 230 V line voltage.

DALI Master

The BL-201-10-868 UP FLEX provides a DALI master according to the DALI specification. In addition, a DALI power supply is integrated. Up to 17 DALI ballasts ($I_{max} = 34 \text{ mA}$) 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 EnOcean light switches. (RPS Telegram).

Service button / Service LED

The BL-201-10-868 UP FLEX offers a service button, which has no current function. By the red service LED, several status informations will be displayed.

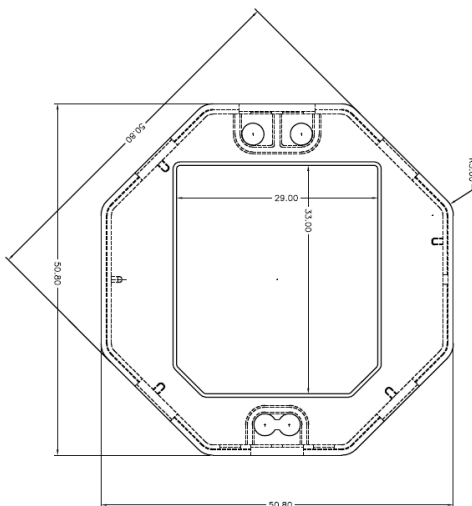
Controller functions

The EnOcean-DALI-Controller BL-201-10-868 UP 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. Once you have installed the software, you will find the manuals in the tool bar under „Show Help“.

Dimensions: 51 x 51 x 33 mm



Ordering information

Article text	Part number	Description
BL-201-10-868 UP FLEX	11214	EnOcean-DALI-Controller series BL-201 funktion: Free configurable with BL-PC-FLEX software; 230V AC, 868MHz, in-wall housing

EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **BL-201-10-868 UP 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. EUDC2017_109).

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