

## BL-211-00-868 UP SWITCH EnOcean-Adapter for standard switches and key button

EnOcean adapter with fixed functionality: Conversion of a standard closing contact into EnOcean RPS telegram

Part nr.: 11302

Interfaces: 1x DALI Master, 1x EnOcean Master bidirectional, 1x input for potential-free closing contact, supply voltage: 230 V AC



The EnOcean-Adapter **BL-211-00-868 UP SWITCH** is used, when standard light switches or push button without EnOcean technology are to be supplied with an EnOcean interface.  
So you can use any kind of switch for operating EnOcean actuators like sun-blinds or light controllers.

## Technical data

### Interfaces

Type	Digital input for potential-free closing contact
Number	1
Output current	Max. 30 mA
Output voltage	Typ. 16V DC (+/- 5%)

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

### Power supply

Supply voltage	230V AC
Power consumption	Typ.1.6W, max 2.5W

### 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	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

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## Short description

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### Supply voltage

The BL-211-00-868 UP SWITCH is supplied with 230 V AC line voltage.

### EnOcean Master / bidirectional

The integrated transceiver of type TCM310 is used to communicate with EnOcean actuators or controllers (RPS Telegram).

### Service button / Service LED

The BL-211-00-868 UP SWITCH offers a service button to switch between the two operating modes PUSH BUTTON and SWITCH. By the red service LED, several status informations will be displayed.

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## Function

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### Operation mode „Switch“:

A light switch is connected to input 1 and 2 of the BL-211. When pushing the switch, closed contact, two EnOcean telegrams will be sent consecutively, for "A1 pressed" and approx. 500ms later for "A1 released". Correspondingly by opening the contact, two telegrams will be sent consecutively, first for "A0 pressed" and approx. 500ms later for "A0 released".

### Operatin mode „PUSH button“:

If a push button (n.o.) is connected to input 1 and input 2 of the BL-211, the pushing of the key button sends the corresponding telegrams, for "A1 pressed" and for "A1 released".

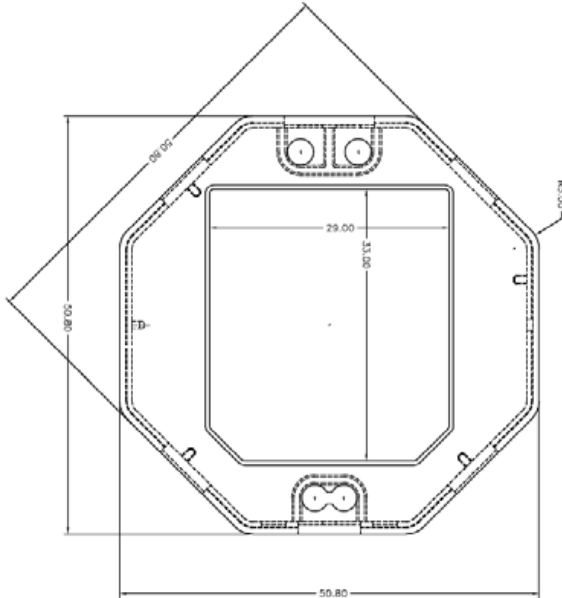
### Selecting the operation mode:

Pressing the service button of the BL-211 shortly will switch between operation mode "Switch" and "Key button".

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## Dimensions: 51 x 51 x 33 mm

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## Ordering information

Article text	Part number	Description
BL-211-00-868 UP SWITCH	11302	BL-211 EnOcean adapter for the conversion of a standard potential-free closing contact (light switch or push button) into EnOcean standard telegram (RPS), 230V AC, 868 MHz, in-wall housing

## EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **BL-211-00-868 UP SWITCH** 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\_122).

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