
BL-210-00-868 UP REPEATER, EnOcean level 1 + 2, configurable

EnOcean-Repeater for range extension

Part nr.: 11305

Interfaces:

1x EnOcean, supply voltage: 230 V AC



The EnOcean-Repeater **BL-210-00-868 UP REPEATER** is used to expand the wireless range of EnOcean systems / telegrams.

With the service button of the device, the mode can be toggled between Level 1 and Level 2 repeater mode.

Technical data

Interfaces

Type	Reserved, pin 1 and 2 reserved for future use, do not connect
Number	-
Output current	-
Output voltage	-

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 ² flexible with cable end sleeves, or 1,5mm ²
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	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-210-00-868 UP REPEATER is supplied with 230 V AC line voltage.

EnOcean

The integrated transceiver of type TCM310 receives and transmits the EnOcean telegrams.

Service button / Service LED

The BL-210-00-868 UP REPEATER has a service button to select the repeater level.
The service LED shows the selected mode.

Function

Repeater for EnOcean telegrams

The BL-210-00-868 UP REPEATER in Level 1 mode sends any received telegram again, which has not been repeated already by a Level 1 repeater.

In the same way, in Level 2 mode, telegrams will be send again which have been repeated by an Lebel 1 repeater already.

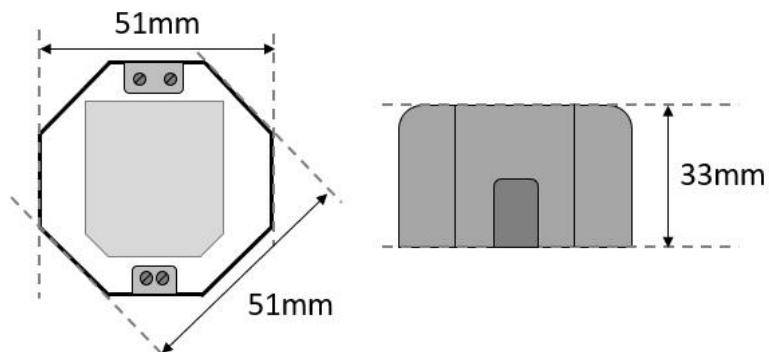
Service button / Service LED

Pushing the service button, the repeater level can be selected:

Service button pushed -> 1x flashing of Service LED = Level 1 repeater active

Service button pushed -> 2x flashing of Service LED = Level 2 repeater active

Dimensions



Ordering information

Article text	Part number	Description
BL-210-00-868 UP REPEATER	10986	EnOcean repeater, level 1 +2, selectable, 230V AC, 868 MHz, in-wall housing

EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **BL-212-00-868 UP MOTION** 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 (Doc. EUDC2020_154).

Version 20, 11.04.2020
