

## EnOcean-Repeater, series BL

Interfaces: 1x EnOcean Transceiver as Repeater

Supply voltage: 230 V AC



The BL-210 EnOcean-Repeater provides an EnOcean wireless transceiver, and acts as a level 1 or level 2 EnOcean Repeater to increase the possible maximum operating distance between EnOcean sensors, EnOcean actors and control systems with EnOcean interface. The device is powered directly by 230 V AC. The Repeater mode (level 1 or level 2) is selected by pushing the service button..

### Technical data

#### Interfaces and I/O

##### EnOcean Master

Number	1 (Master, bi-directional, in Repeater-Mode)
Transceiver	TCM310
Transmit /receive	Yes / yes
Antenna	Internal

#### Power supply

Supply voltage	230 V AC
Connection technology	2 screw terminals, max. 1.5mm <sup>2</sup> inflexible, max. 1.0mm <sup>2</sup> flexible with cable end sleeves

#### Environmental conditions

Supply voltage	230 V AC / 50 Hz
Power consumption	Typ. 1.4 W, max. 2.0 W
Operating temperature	+5°C to +50°C
Storage temperature	+5°C to +50°C
Humidity	10% to 95%, non condensing

#### User interfaces

Service button	1
Service LED	1, red

#### Standards

EN	EN 61000-6-2 EN 61000-6-3 EN 60950:2011
Approvals	CE

## Short description

### Power supply

The BL-210 is supplied directly by line voltage (230 V AC).

### EnOcean Master / bi-directional

The integrated transceiver TCM310 acts as a level 1 or level 2 repeater to increase the possible distance between EnOcean sensors, EnOcean actors and control systems with EnOcean interface.

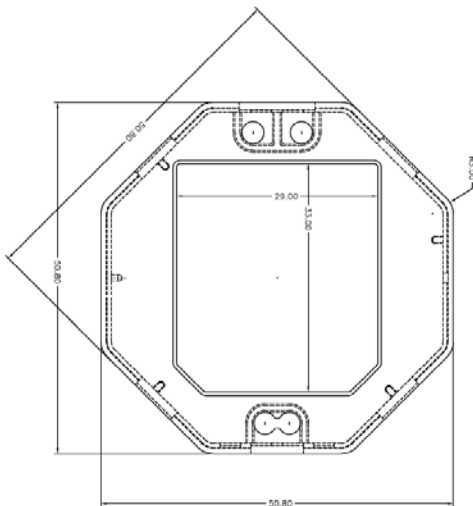
### Service button / service LED

The BL-210 has a service button to select / toggle between the two possible repeater modes (Level 1 / Level 2). The selected repeater mode is shown by the red service LED:

Push Service Button -> 1x blink: Level 1

Push Service Button again -> 2x blink: Level 2

### Dimensions: 51 x 51 x 33 mm



## Ordering information for BL-210

Short text	Ordering number	Description
BL-210-00-868	10986	BL-210 EnOcean-Repeater SW option 00: Level 1+2 230 V AC, 868 MHz, in-wall housing

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