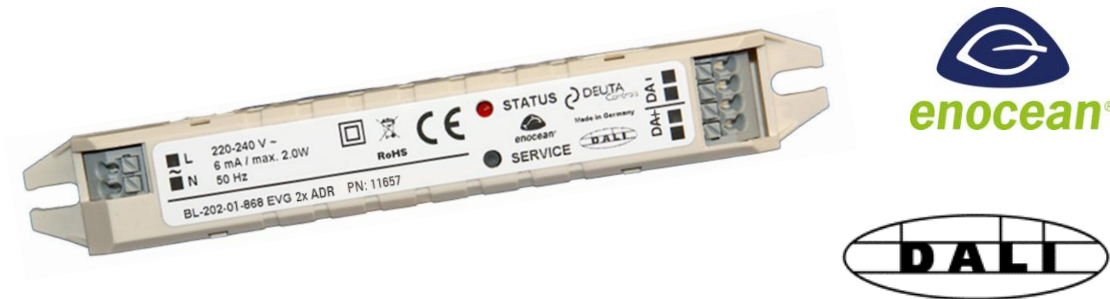


BL-202-01-868 EVG 2xADR EnOcean-DALI-Controller

Light controller with fixed functionality: DALI addresses 0 and 1 ON/OFF/DIM double rocker

Part nr.: 11657

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



The BL-202-01-868 EVG 2xADR EnOcean-DALI-Controller provides one DALI master and an integrated DALI power supply for the direct connection of up to 15 slaves (I_{out} max.= 30 mA), without a separate DALI power supply.

Also an EnOcean wireless transceiver is integrated. This allows the smart and easy integration and combination of DALI ballasts or DALI LED drivers and light switches with wireless EnOcean technology. The device is supplied by 230 V AC line voltage.

Up to 15 DALI ballasts with addresses 0 and 1 can be operated and dimmed by a double rocker as a fixed function.

Technical data

Interfaces

Type	DALI Master
Number	1
Output current	Max. 30 mA (15 slaves)
Output voltage	Typ. 16V DC (+/- 5%)
Galvanic isolation	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 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.1.4W, max 2.0W

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	55g
Dimensions	148 x 21 x 19 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

Der BL-202-01-868 EVG 2xADR is supplied with 230 V AC line voltage.

DALI Master

The BL-202-01-868 EVG 2xADR provides a DALI master according to the DALI specification. In addition, a DALI power supply is integrated. Up to 15 slaves (I_{max} = 30 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-202-01-868 EVG 2xADR offers a service button to teach in one or more light switches.

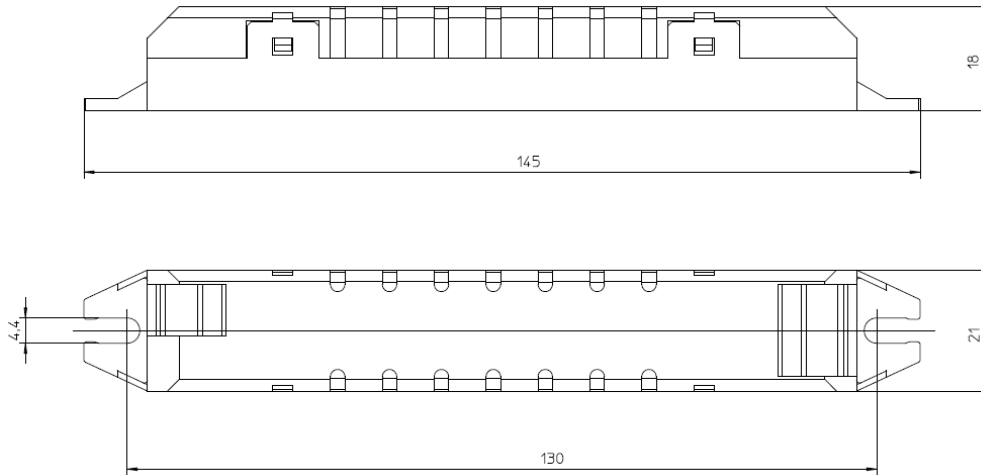
By the red service LED, several status informations will be displayed. (see below)

Controller functions (since delivery date 01.06.2017)

Double-rocker to control 2 addressed DALI ballasts, **no broadcast**, for example **cold / warm** white:

Push service button <= 1 sec.:	Sets 202-01-868 EVG 2xADR into learn-mode, service LED is steady on: EnOcean switch is pressed shortly.: Switch is paired with the BL-202-01-868 EVG 2xADR.
Push Service button >=2 sec.:	Service-LED will turn on for < 1 sec.: No more switch is paired with the BL-202-01-868 EVG 2xADR
Push Service button >=5 sec.:	Service-LED will turn on again for 1 sec.: DALI slaves will be addressed. First two addresses on the DALI line will be configured to address 0 and 1.
Keypress, rocker 1 / 2 , short top:	Switch on ballast with address 0 / 1 on DALI line.
Keypress, rocker 1 / 2 , short bottom:	Switch off ballast with adress 0 / 1 on DALI line.
Keypress, rocker 1 / 2 , long top:	Brighten of ballast with address 0 / 1 until key is released or 100% is reached.
Keypress, rocker 1 / 2 , long bottom:	Dim of ballasts with address 0 / 1 until key is released or 0% is reached.
Changing rocker assignment:	For changing rocker A with rocker B, learn in the keypress once again. (push service button <= 1 sec.:).

Dimensions: 148 x 21 x 19 mm



Ordering information

Article text	Part number	Description
BL-202-01-868 EVG 2xADR	11657	EnOcean-DALI-Controller series BL-202 function: 2x addresses ON/OFF/DIM with double rocker 230V AC, 868MHz, EVG housing

EU Declaration of Conformity

Hereby the DEUTA Controls GmbH declares that the radio equipment type **BL-202-01-868 EVG 2xADR** 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_120).

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