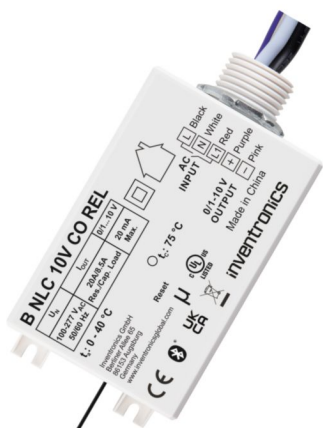


The trusted value of **OSRAM Digital Systems** continues with **Inventronics Global** – where experience meets innovation.

B NLC 10V CO REL

Light management systems



Product family features

- Bluetooth NLC enabled by Silvair
- Works with Inventronics Hubsense®
- Suitable for up to 32 DALI-2 LED drivers (Part - 207) in broadcast mode or 0.10 V systems
- Compact size: 108 x 30 x 21 mm

Product family benefits

- Simple solution to control a line of DALI-2 or 0.10V luminaires
- Easy to integrate in luminaire or to install in a separated box
- Secured product communication granted by ioXT and PSA Certificates

Areas of application

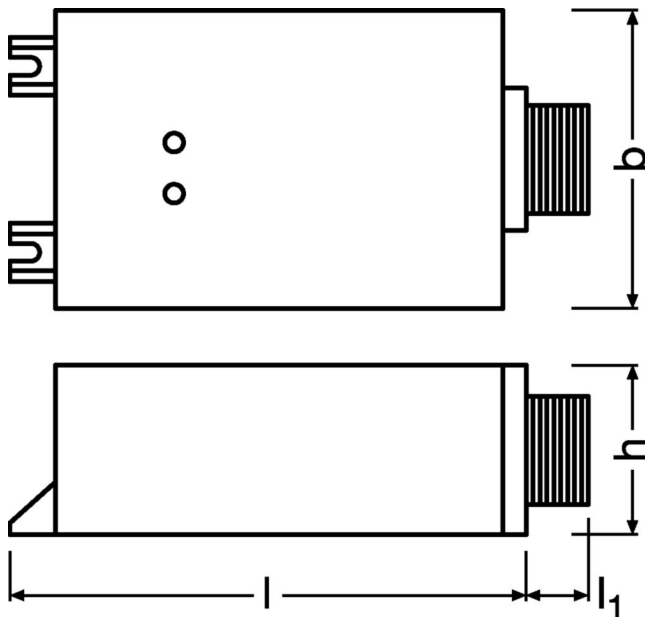
- Open offices
- Individual offices
- Conference rooms
- Classrooms
- Storage and break areas
- Stairways
- Toilets

Technical data

Electrical data

Mains frequency	50 / 60 Hz
Wireless protocol	Qualified Bluetooth mesh
Wireless range	40 m line of sight
System wattage	1.00 W

Dimensions & weight



Product weight	130.00 g
Length	82.0 mm
Width	55.0 mm
Height	31.0 mm
Diameter	not relevant

Temperatures & operating conditions

Maximum temperature at tc test point	75 °C
Ambient temperature range	0...+50 °C
Temperature range at storage	-20...70 °C
Permitted relative humidity at storage	0...95 %

Lifespan

Lifespan	50000 h
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Capabilities

Number of control outputs	1
Dimming interface	0-10V
Dimmable	Yes
Reset	Manual ¹⁾
Control interface	0-10V

1) see additional product information

Certificates & standards

Approval marks – approval	CE
Protection class	II
Type of protection	IP20

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary Article Identifier	6977078991629
Date of Declaration	04-08-2025
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

Additional product information

- This device is not allowed to be connected with other DALI Bus power supplies on the same line.
- The maximal total wire length to all connected push buttons must not exceed 10 m.
- By integrating the device into a casing the wireless range could be affected, in particular by metal surfaces. Therefore, the wireless range needs to be verified after integration.
- The device could be reset to factory default by pressing the reset button for longer than 10 sec.
- If the device is not connected to a network, it will take approximately 30 seconds for it to appear as an available device after it is powered on.
- The status LED of the device indicates the following network status. Fast blinking: Not connected to a network. Slow blinking: Connected to a network.
- The device has passed successfully the SILVAIR Testing process.
- The device can be put into operation using the Inventronics HubSense Commissioning Tool (<https://platform.hubsense.eu>), subject to prior acceptance of the Terms of Use and the Privacy Policy.
- Inventronics may terminate or suspend the use of the HubSense Commissioning Tool at any time and for any or no reason in its sole discretion, even if access and use is continued to be allowed to others.
- The device complies with Bluetooth mesh Standard v1.0. It can also be used in 3rd party Bluetooth mesh network, that complies with this standard and that supports the mesh models of this device, and with certain 3rd party commissioning tools, that support the mesh models of this device. In order to ensure correct interoperability a verification with the 3rd party network components and the 3rd party commissioning tool is necessary in advance. Please contact Inventronics (support@inventronicsglobal.com) to receive the actual list of supported models for this device.
- Inventronics shall have no liability for any 3rd party commissioning tool and does not make any representations, express or implied, about the availability and/or performance of such commissioning tool.
- Inventronics shall have no liability for and does not make any representations, express or implied, about the connectivity of Inventronics B NLC products with any other products, that have passed the SILVAIR Testing process.

Download Data

File		
CAD data	Compressed	▶ B NLC 10V CO REL STEP 040825
Mandatory Publications	PDF	▶ QBM B NLC 10V CONV RELAY CE 4526378 01 020524
User instruction	PDF	▶ G15129466_B_NLC_10V_CO_REL_03

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6977078991629 INVENTRONICS	B NLC 10V CO REL	Shipping carton box 64 Pieces	380 x 280 x 270 mm	28.73 dm ³	149.69 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit