

Technical Specifications

Power supply	230 ... 240VAC, 50/60 Hz
Power consumption	typ. 400mW, max. 500mW
Power loss at max. load	5W
Output	dimnable output (trailing / leading edge) Power supply: 220 ... 240VAC resistive load: 30 ... 200W capacitive load: 15 ... 110VA inductive load: 30 ... 200VA
Interfaces	Loxone Air: 868MHz (SRD Band Europe), 4 channels available 915MHz (ISM Band Region 2), 10 channels available max. Power 3.16mW
Ambient temperature	-40 ... 35°C / -40 ... 98°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	53x53x31 mm / 2.09x2.09x1.22" (LxWxH)
Operation	Type 1 (EN 60669-1:2009 & DIN EN 60669-2:2010)
Rated impulse voltage for dimmer output	1kV (max. Altitude 2000m)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

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Nano Dimmer Air

Part No.: 100212

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V1140.420



About the product

The Loxone Nano Dimmer Air is a device for automatic control and management of dimmable devices like bulbs and high voltage illuminent and similar non safety critical applications.

Installation & electrical connection

The installation of this device has to be carried out by a qualified person. The device has to be fitted in accordance with building regulations for electrical and fire safety. This requires an installation box or additional enclosure. To turn the unit on/off during installation and in case of failure, a seperator (disconnecting device) must be present. These must be easily accessible and visible.
If the device is not installed according to manufacturers guide-lines the protection of the device may be affected.

Features

- supports Loxone Air technology
- expandable via Plug-in connector

Information

Contains FCC ID: COR-ZWIR4512AC1

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

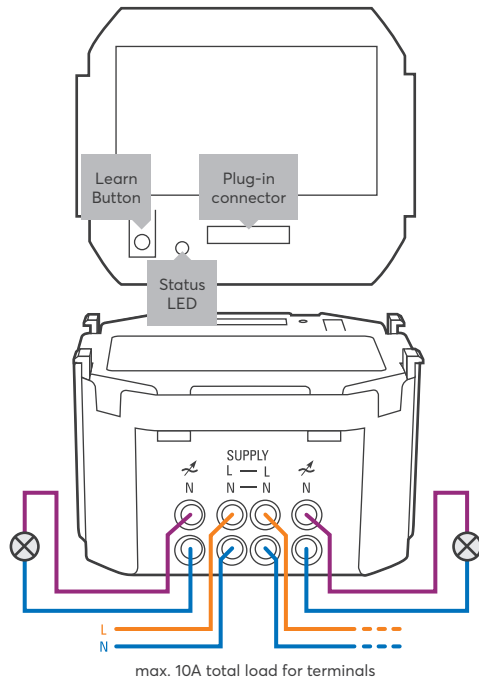
1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation



For additional information, declaration of conformity, visit www.loxone.com/help/nano-dimmer-air

Connection

Wire cross-section	1.0 ... 2.5mm ² / AWG18 ... 13
Stripping length	6mm / 0.23"
Temperature resistance	80°C / 176°F for IEC, 75°C / 167°F for UL



This folder is a part of the product!