

About the product

The Loxone Nano Dimmer Air is a device for automatic control and management of dimmable devices like bulbs and high voltage illuminant 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 of the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible.

If the device is not installed according to manufacturers guidelines the protection of the device may be affected.



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



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*

NEED HELP?

For further information and documentation please
visit: www.loxone.com/help/nano-dimmer-air



LOXONE Smart Home

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NANO DIMMER AIR

Part No.: 100212



Technical Specifications

Power Supply	230VAC, 50/60Hz, 10A max.
Standby Power	typ. 0.4W
Output	1-Channel Dimmer, trailing and leading edge dimmable, (left and right output equivalent)
Load	Conventional (resistive/inductive) 200W, 200VA (min. load 30W, 30VA), Electrical ballast/retrofit LED 110W, 110VA (min. load 15W, 15VA)
Operation	EN 60669-1:2009 & DIN EN 60669-2-1:2010
Ambient Temperature	0...35°C
Storage Temperature	-20°C...+60°C
Frequency	868MHz (SRD Band Europe), 915MHz (ISM Band Region 2)
Humidity	95% r.H.
Safety Rating	IP20 (when installed)
Rated Impulse Voltage	1kV (max. Altitude 2000m)

Maintenance of Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.
Degree Of Pollution	2

Features

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

Terminals

Push-In-Technology	To make connection insert the conductor; to remove the cable twist and pull at the same time. For connecting stranded conductors please use ferrules.
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Supply and Outputs

Wire Diameter	1mm ² ...2,5mm ²
Exposed Wire Length	6mm
Temperature Rating Of Wire	min 70°C

