

## Technical Specifications

<b>Power Supply</b>	230VAC, 50/60Hz, 10A max.
<b>Standby Power</b>	typ. 0.4W
<b>Output</b>	1-Channel Dimmer, trailing and leading edge dimmable, (left and right output equivalent)
<b>Load</b>	Conventional (resistive/inductive) 200W, 200VA (min. load 30W, 30VA), Electrical ballast/retrofit LED 110W, 110VA (min. load 15W, 15VA)
<b>Operation</b>	EN 60669-1:2009 & DIN EN 60669-2-1:2010
<b>Ambient Temperature</b>	0...35°C / 32...98°F
<b>Storage Temperature</b>	-20...60°C / -4...140°F
<b>Radio Frequency</b>	868MHz (SRD Band Europe) 915MHz (ISM Band Region 2) max. Power: 3.16mW
<b>Humidity</b>	95% r.H.
<b>Safety Rating</b>	IP20 (when installed)
<b>Rated Impulse Voltage</b>	1kV (max. Altitude 2000m)

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# Nano Dimmer Air

Part No.: 100212

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## 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 of 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 guidelines the protection of the device may be affected.

## 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](http://www.loxone.com/help/nano-dimmer-air)

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<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.
<b>Degree Of Pollution</b>	2

## Features

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

## Terminals

<b>Push-In-Technology</b>	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

<b>Wire Diameter</b>	1mm <sup>2</sup> ...2,5mm <sup>2</sup>
<b>Exposed Wire Length</b>	6mm
<b>Temperature Rating Of Wire</b>	min 70°C

