

## Technical Specifications

<b>Power Supply</b>	110-230V~, 50/60Hz, 10A max.
<b>Inputs &amp; Outputs</b>	2 digital outputs (switching supply voltage) 5A at $\cos\varphi=1$ 6 digital inputs 24VDC (LPS) 24VDC (LPS) output, max. 1W
<b>Radio Frequency</b>	868MHz (SRD Band Europe), 915MHz (ISM Band Region 2) max. Power 3.16mW
<b>Standby Power</b>	typ. 0.5W
<b>Ambient Temperature</b>	0...35°C
<b>Storage Temperature</b>	-20°C...+60°C
<b>Safety Rating</b>	IP20 (when installed)
<b>Operation</b>	Type 1 (EN60730-1)
<b>Rated Impulse Voltage</b>	2,5kV (max. Altitude 2000m)
<b>Degree Of Pollution</b>	2

## Features

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

# LOXONE

No Gimmicks.  
Real Smart Homes.

## Need Help?

[loxone.com/support](http://loxone.com/support)

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# LOXONE

## Nano IO Air

Part No.: 100153



## About the product

The Loxone Nano IO Air is a device for automatic control and management of home automation and similar non safety critical applications.

## Installation

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. The electrical connections have to be made in a fashion that ensures a separation distance of at least 4mm between the low voltage cables (digital inputs) and the mains voltage cables (supply and relay outputs). To isolate the device during installation and in case of failure, a local isolation is necessary. This isolation has to be easily accessible and recognizable as such.

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

## Terminals

<b>Push-In-Technology</b>	To make connection insert the conductor; to remove the cable twist and pull at the same time. For stranded wires: Conductors must be undamaged and twisted (use ferrules for small wires)
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## Supply and Relay 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

## Digital Inputs

<b>Wire Diameter</b>	0,14mm <sup>2</sup> ...1mm <sup>2</sup>
<b>Exposed Wire Length</b>	3.5mm
<b>Maximum Wire Length</b>	3m

