

## Technical Specifications

<b>Power supply</b>	110 ... 230VAC, 50/60Hz or 20 ... 26VDC
<b>Power consumption</b>	typ. 0.5W / max. 1.2W (with NFC Code Touch for Nano) @ 230VAC  typ. 0.4W / max. 1W (with NFC Code Touch for Nano) @ 24VDC
<b>Outputs</b>	2 digital outputs (switching supply voltage) 5A at $\cos\phi=1$
<b>Inputs</b>	6 digital inputs 24VDC logic 0: 0 ... 5VDC undefined: 5 ... 7VDC logic 1: 7 ... 24VDC 24VDC output, max. 1W
<b>Power loss at max. load</b>	2.6W
<b>Interfaces</b>	Loxone Air: 868MHz (SRD Band Europe), 4 channels available, max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available, max. Power 13.2mW internal antenna
<b>Ambient temperature</b>	0 ... 35°C / 32 ... 95°F
<b>Humidity</b>	max. 95% r. H. (non condensing)

# LOXONE

# LOXONE

## Need Help?

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



## Nano IO Air

Loxone Electronics GmbH  
Smart Home 1  
4154 Kollerschlag  
Austria

V211021



[loxone.com](https://loxone.com)

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.

## Features

- 2 digital outputs (relays)
- 6 digital inputs

## 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: 2ARRV-000376

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)

## Supply and Relay Outputs

<b>Wire cross-section</b>	1 ... 2.5mm <sup>2</sup> / AWG17 ... 13
<b>Stripping length</b>	6mm / 0.24"
<b>Temperature resistance</b>	min. 70°C / 158°F

## Digital Inputs

<b>Wire cross-section</b>	0.14 ... 1mm <sup>2</sup> / AWG26 ... 17
<b>Stripping length</b>	3.5mm / 0.14"
<b>Temperature resistance</b>	min. 70°C / 158°F
<b>Maximum wire length</b>	3m

## Technical Specifications

<b>Safety rating</b>	IP20 (when installed)
<b>Dimensions</b>	53x52x29mm / 2.09x2.05x1.14" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

