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 & 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. 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.

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

LOXONE Smart Home

GET IN TOUCH!
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www.loxone.com

NANO IO AIR

Part No.: 100153

GND DIGITAL INPUTS 24VDC 24V
I1 I2 I3 I4 I5 I6 OUT

Technical Specifications

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

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

Terminals

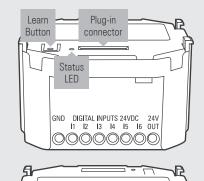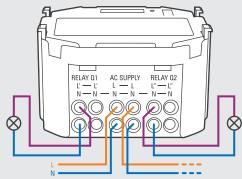|	
Push-In-Technology	To make connection insert the conductor; to remove the cable twist and pull at the same time. For stranded wires: Conductors must be undamaged and twisted (use ferrules for small wires)

Supply and Relay Outputs

Wire Diameter	1mm²…2,5mm²
Exposed Wire Length	6mm
Temperature Rating Of Wire	min 70℃

Digital Inputs

Wire Diameter	0,14mm²…1mm²
Exposed Wire Length	3.5mm
Maximum Wire Length	3m

max. 10A total load for terminals