

## Technical Specifications

<b>Power supply</b>	9...28VDC
<b>Power consumption</b>	max. 108mW
<b>Inputs</b>	6 digital inputs logic 0: 0 ... 7.2V undefined: 7.2 ... 9.8V logic 1: 9.8 ... 24V Ri=67 kOhm 24V Output: max. 100mA! usable as frequency counter: max. frequency: 500Hz min. pulse width: 1ms accuracy: + - 1Hz
<b>Power loss at max. load</b>	max. 108mW
<b>Interfaces</b>	Loxone Tree: connection with Miniserver / Tree Extension
<b>Ambient temperature</b>	-40...70°C / -40...158°F
<b>Humidity</b>	max. 95% r.H (non condensing)
<b>Safety rating</b>	IP20
<b>Dimensions</b>	38.5x34.5x11mm / 1.52x1.36x0.43" (LxWxH)
<b>Maintenance &amp; Cleaning</b>	This device is free of maintenance and may only be cleaned with a dry cloth.

# LOXONE

## Need Help?

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

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V191022

# LOXONE



## Nano DI Tree

Part No.: 100242

## About the product

The Loxone Nano DI Tree is the ideal solution to integrate any switches, window contacts or other volt free contact closures with Loxone Tree, making installation fast and easy. It can be used to control a variety of non-safety critical functions in your smart home. We recommend it is configured according to the Loxone Standard.

## Features

- 6 digital inputs (with frequency counter option)
- One Status LED (dual color)

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

This folder is a part of the product!



For additional information, declaration of conformity, visit [www.loxone.com/help/nano\\_di\\_tree](http://www.loxone.com/help/nano_di_tree)

## Power Supply & Loxone Tree

<b>Wire cross-section</b>	0.25 ... 0.8mm <sup>2</sup> / AWG23 ... 18
<b>Stripping length</b>	5mm / 0.2"
<b>Temperature resistance</b>	-40 ... 105°C / -40 ... 221°F

## Connection Cables

<b>Wire cross-section</b>	0.2mm <sup>2</sup> / AWG24
<b>Stripping length</b>	8mm / 0.3"
<b>Temperature resistance</b>	80 ... 105°C / 176 ... 221°F
<b>Cable length</b>	250mm / 9.84"

