Technical Specifications

Power supply	9...28VDC
Power consumption	max. 108mW
Inputs	6 digital inputs logic 0: 0 ... 2.2V undefined: 2.3 ... 4.9V logic 1: 5 ... 24V Ri=57 kOhm 24V Output: max. 100mA! usable as frequency counter: max. frequency: 500Hz min. pulse width: 1ms accuracy: + - 1Hz
Power loss at max. load	max. 108mW
Interfaces	Loxone Tree: connection with Miniserver / Tree Extension
Ambient temperature	-40...70°C / -40...158°F
Humidity	max. 95% r.H (non condensing)
Safety rating	IP20
Dimensions	38.5x34.5x11mm / 1.52x1.36x0.43" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

LOXONE

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For additional information,
declaration of conformity, visit
www.loxone.com/datasheets

V011025

Need Help?
loxone.com/support

UK CA CE

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.

Power Supply & Loxone Tree

Wire cross-section	0.25 ... 0.8mm² / AWG23 ... 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 … 105°C / -40 … 221°F

Connection Cables

Wire cross-section	0.2mm² / AWG24
Stripping length	8mm / 0.3"
Temperature resistance	80 ... 105°C / 176 ... 221°F
Cable length	250mm / 9.84"

Status LED

24VDC OUT (max. 100mA!)

1
2
3
4   DIGITAL IN
5
6

This folder is a part of the product!

⚠ For additional information, visit www.loxone.com/help/nano_di_tree