

Current Detection

Min. Load for Automatic End Stop Detection	100 mA
Threshold Setting Range	100 ... 5 000 mA

Interface

LOXONE Tree	connection with Miniserver / Tree Extension
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Ambient Conditions

Temperature	-40 ... 55 °C / -40 ... 131 °F
Humidity	max. 95 % RH (non-condensing)
Ingress Protection	IP20



For more information
about this product, visit
loxone.com/help/nano-2-relay-tree

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For additional information,
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www.loxone.com/datasheets

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V061026



Nano 2 Relay Tree

Part No.: 100395

LOXONE

About the product

The LOXONE Nano 2 Relay Tree is a compact module with 2 relay outputs for shading or universal applications. The outputs can be configured individually or used together as a shading actuator.

Features

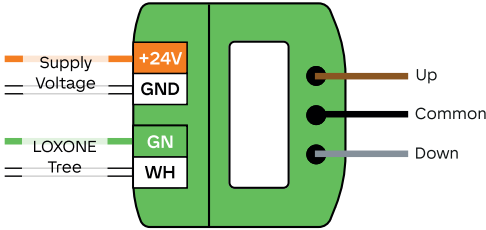
- 2 freely programmable, volt-free relay outputs
- Automatic end position detection
- Current flow detection with configurable threshold
- Suitable for shading, lighting, fans and more
- Overtemperature switch-off at 87 °C (189 °F) processor temperature

Electrical Specifications

Supply Voltage	18 ... 28 V DC
Power Consumption	typ. 0.1 W, max. 0.34 W
Power Loss at Max. Load	2.2 W

Outputs

Digital (2)	Relays, dry contact, shared hot • max. 250 V AC, 10 A at $\cos \varphi = 1$ (IEC) - or • max. 30 V DC 10 A total load max. 12 A
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Safety Instructions

Installation must be carried out by a qualified electrician in accordance with applicable regulations.

The device must be protected by an upstream 12 A circuit breaker.

This device is maintenance-free and must only be cleaned with a dry cloth.

The device has to be fitted in accordance with building regulations for electrical and fire safety.

If the device is not installed according to manufacturer's guidelines the protection of the device may be affected.

24 V DC & LOXONE Tree Terminals

Wire cross-section	0.28 ... 0.8 mm ² / AWG 23 ... 18
Stripping length	5 ... 6 mm / 0.2 ... 0.24"
Temperature resistance	-40 ... 105 °C / -40 ... 221 °F

Connecting Cable

Wire cross-section	1.5 mm ² / AWG 18
Stripping length	5 mm / 0.2"
Temperature resistance	min. 80 °C / 176 °F for IEC, min. 75 °C / 167 °F for UL
Length	150 mm / 5.91"