

## About the product

The Loxone Fan Control Tree is a 4-step AC ceiling fan controller utilizing series capacitors to adjust the speed in discrete steps.

## Features

- Speed adjustment for one AC ceiling fan
- Optimized for 60W single ceiling fans

## Technical Specifications

Power Supply	18 ... 30VDC
Power Consumption	typ. 0.1W (Off), max. 0.7W (step "Fast")
Loxone Tree Interface	connection with Miniserver / Tree Extension
Fan Voltage	230VAC, 50Hz
Ceiling Fan Output	1 ceiling fan 4 steps*: (Off), Slow, Medium, Fast, Maximum speed levels optimized for 60W
Max. Output Power Loss	0.3W with 60W fan
Min./ Max. Load	30W / 120W

\*The available steps can vary within permissible load range.



For more information  
about this product, visit  
[loxone.com/help/fan-control-tree](https://loxone.com/help/fan-control-tree)

V070325

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For additional information,  
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# Fan Control Tree

Part No.: 100622

LOXONE

## Ambient Conditions

Temperature	-20 ... 55°C / -4 ... 131°F
Humidity	max. 95% r.H. (non condensing)
Ingress Protection	IP20

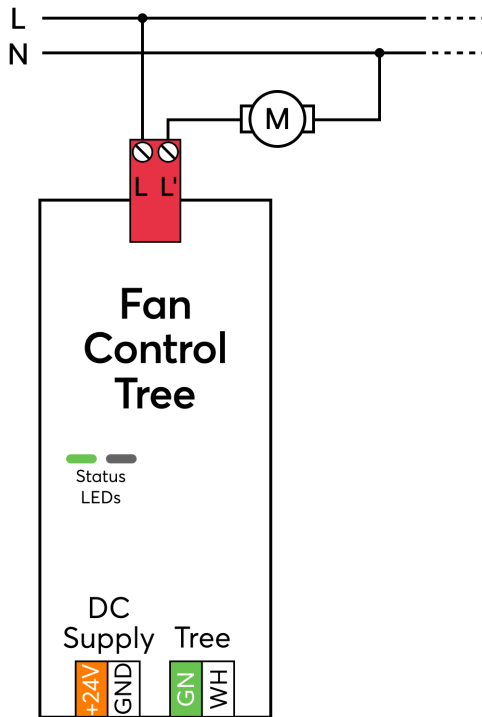
## Connecting Terminals

### 24VDC & Loxone Tree

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

### Output Connection

Wire cross-section	0.2 ... 2.5mm <sup>2</sup> / AWG24 ... 12
Stripping length	7mm / 0.28"
Torque of terminal blocks	0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft
Temperature resistance	-40 ... 100°C / -40 ... 212°F



## Safety Instructions

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

This device must be mounted on a DIN rail in an electrical distribution housing (standard distribution) and may only be installed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible.

If the unit is used in a non -conforming manner as specified by the manufacturer the product included safeguards will be impaired

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