

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	120VAC, 60Hz
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

V020725

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



Intertek

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LOXONE

Fan Control Tree

Part No.: 100626

Ambient Conditions

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

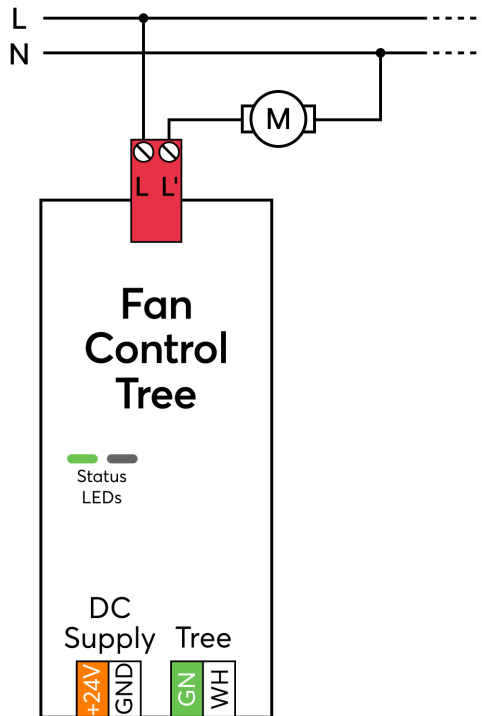
Connecting Terminals

24VDC & Loxone Tree

Wire cross-section	0.25 ... 0.8mm ² / AWG23 .. 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F
Conductor type	copper/aluminium, solid wire only

Output Connection

Wire cross-section	0.2 ... 2.5mm ² / 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.

This device must be installed in a metal or 5VA enclosure.

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.



This folder is part of the product!

For additional information visit
www.loxone.com/help/fan-control-tree

Pour les consignes de sécurité en français et des informations supplémentaires, veuillez consulter le site
www.loxone.com/help/fan-control-tree

Information

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.

CAN ICES-003(B) / NMB-003(B)