Technical Specifications

Power supply	12 ... 28VDC
Power consumption	typ. 183mW, max. 250mW
Power loss at max. load	max. 250mW
Interfaces	Loxone Tree: connection with Loxone Miniserver / Tree Extension Loxone Air: 868MHz (SRD Band Europe), 4 channels available max. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r. H. (non condensing)
Safety rating	IP20
Dimensions	38.3x34.3x10.5mm / 1.50x1.35x0.41" (LxWxH)
Maintenance & Cleaning	The device is free of maintenance and may only be cleaned with a dry cloth.

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Need Help?

loxone.com/support

V140720

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Tree to Air Bridge

Part No: 100451

About the product

The Loxone Tree to Air Bridge is used to integrate various devices that are equipped with the Loxone Air wireless technology. It is connected via the Tree interface.

Features

- Can handle up to 49 Air devices (one Air device is counted as one Tree device on this Tree branch)
- Compact design with an integrated antenna

Connection

Wire cross-section	0.25 … 0.8mm² / AWG23 … 18
Stripping length	5mm / 0.2"
Temperature resistance	-40 … 105°C / -40 … 221°F
Orange / White	+24VDC / GND
Green / White	Loxone Tree

Installation

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.
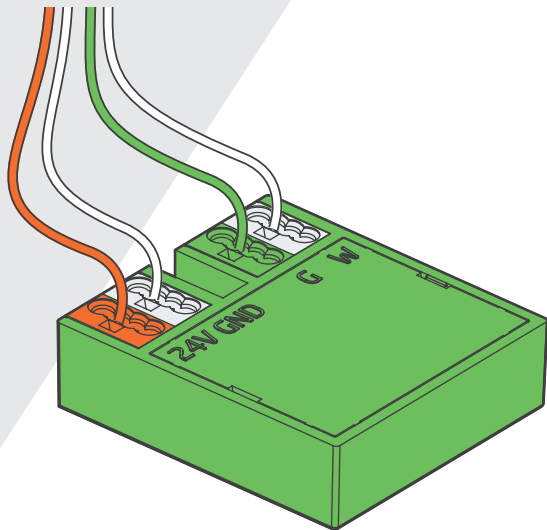
This folder is a part of the product!

⚠ For additional information, declaration of confirmity, visit www.loxone.com/help/treetoairbridge

Information

Contains FCC ID: 2ARRV-000375
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