

Datasheet

Tree to Air Bridge

Part No: 100451



About the product

Adds Loxone Air capability to a Loxone Tree installation.

The Tree to Air Bridge is used to add or extend the Loxone Air signal in an installation. Whether you need to expand the Air range in an existing installation or introduce the option of Air altogether, the Tree Air Bridge is the go-to device.

- Fits into a conventional backbox as it measures just 38.4 x 34.2 x 10.5mm
- Facilitates the communication between the cabinet and local Air devices within its range
- Supports up to 49 Loxone Air devices.
- Can be added to an existing run of Tree cable in an installation
- Built-in Loxone Air antenna

Technical data

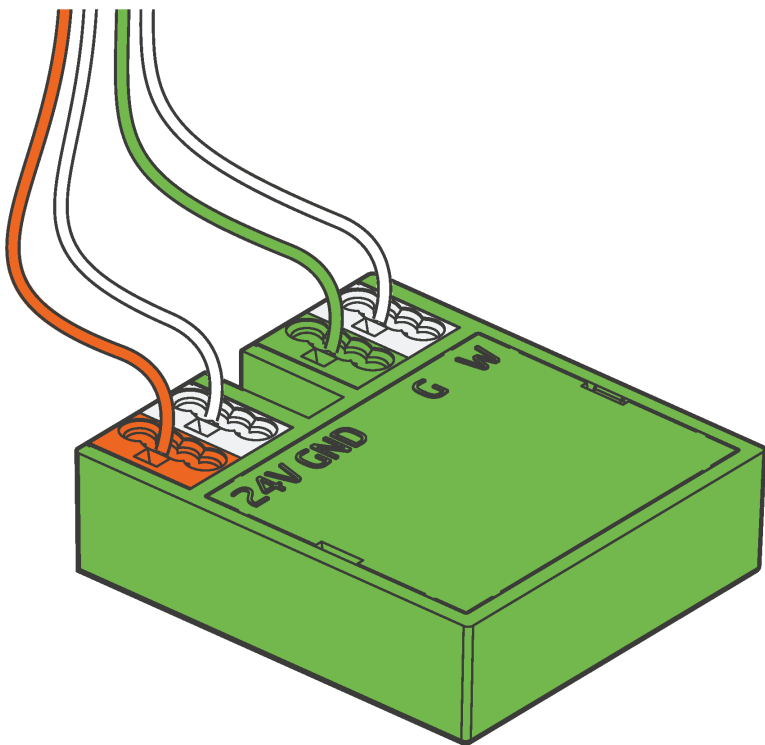
Power supply	12 ... 28VDC
Power consumption	typ. 183mW, max. 250mW
Power loss at max. load	max. 250mW
Interfaces	Loxone Tree: connection with Loxone Miniserver / Tree Extension Loxone Air: 868MHz (SRD Band Europe), 4 channels availablemax. Power 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels available max. Power 13.2mW
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r.H. (non condensing)

Connections

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

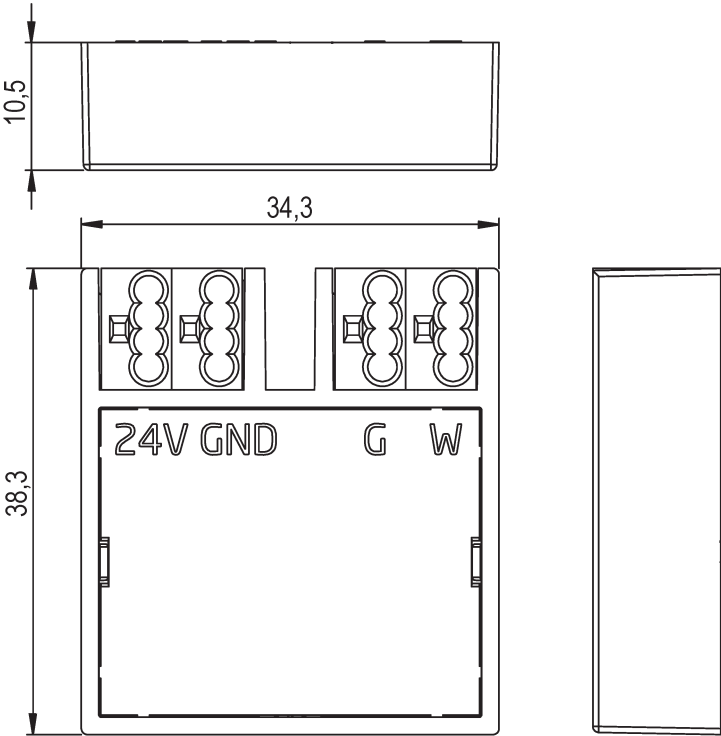
Connection diagram



Product features

Colours	Green: RAL6018
Finish	Matte

Weight & dimensions

Net weight	63g
Total weight	74g
Product dimensions	38.3x34.3x10.5mm / 1.50x1.35x0.41" (LxWxH)
	
Pack size	79x79x41mm / 3.11x3.11x1.61" (LxWxH)

Certifications & Standards

Safety rating	IP20
Certifications	UL 62368-1 CSA C22.2#62368-1 RECOGNIZED COMPONENT  Intertek

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

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Über das Produkt

Mit der Tree to Air Bridge erweitern Sie die Loxone Air Abdeckung Ihrer Projekte. Dank der kleinen Bauform kann die Tree to Air Bridge, flexibel und dezentral an einem vorhandenen Tree Ast angeschlossen werden.

- Kleine Bauform - 38,5 x 34,5 x 11mm
- Dezentraler Einbau bspw. in jeder Unterputzdose
- Unterstützt bis zu 49 Loxone Air Geräte
- Flexible Installation an jedem Tree Ast
- Integrierte Air Antenne

Technische Daten

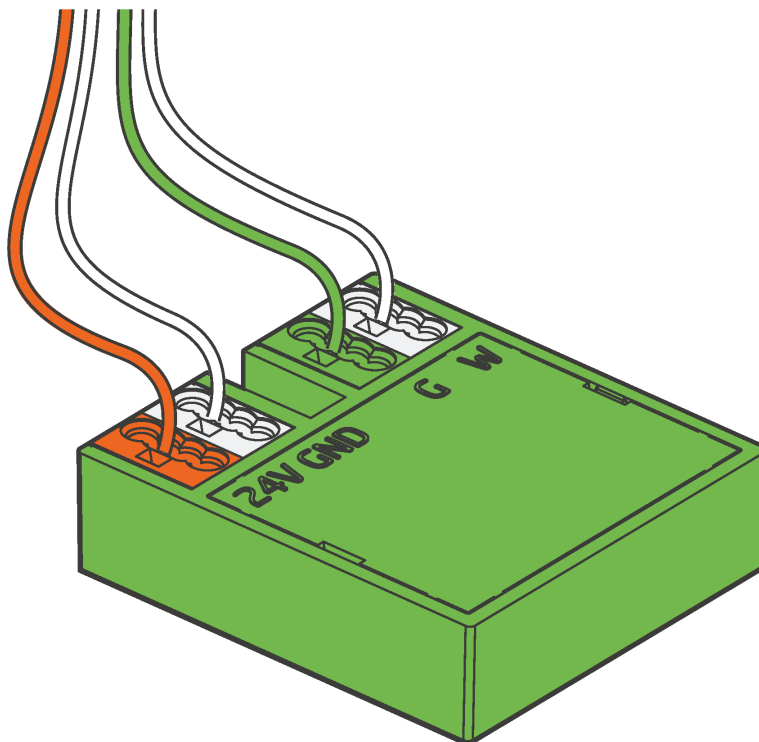
Spannungsversorgung	12 ... 28VDC
Leistungsaufnahme	typ. 183mW, max. 250mW
Verlustleistung bei max. Last	max. 250mW
Schnittstellen	Loxone Tree: Verbindung mit Loxone Miniserver / Tree Extension Loxone Air: 868MHz (SRD Band Europa), 4 Kanäle wählbar max. Sendeleistung 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 Kanäle wählbar max. Sendeleistung 13.2mW
Umgebungstemperatur	-40 ... 70°C / -40 ... 158°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

Leiterquerschnitt	0,25 ... 0,8mm ² / AWG23 ... 18
Abisolierlänge	5mm / 0,2"
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F

Orange / Weiß	+ 24VDC / GND
Grün / Weiß	Loxone Tree

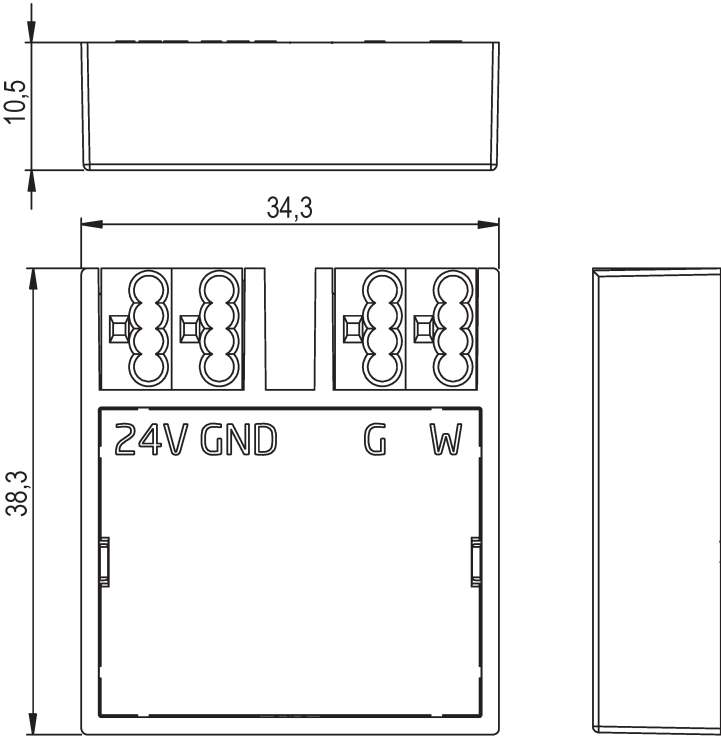
Anschlussplan



Produkteigenschaften

Farbe	Grün: RAL6018
Glanzgrad	Matt

Gewicht & Abmessungen

Nettogewicht	63g
Bruttogewicht	74g
Produktmaße	38,3x34,3x10,5mm / 1,50x1,35x0,41" (LxBxH)
	
Packmaß	79x79x41mm / 3,11x3,11x1,61" (LxBxH)

Zertifizierungen & Standards

Schutzart	IP20
Zertifizierungen	UL 62368-1 CSA C22.2#62368-1 RECOGNIZED COMPONENT  Intertek

Veröffentlicht von
Die Installation muss nach den einschlägigen Vorschriften durch eine Elektrofachkraft erfolgen.
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