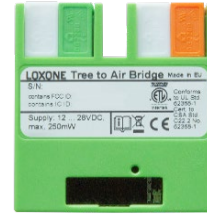


Datasheet

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, or to extend the Loxone Air's signal range. It is connected via the Tree interface.

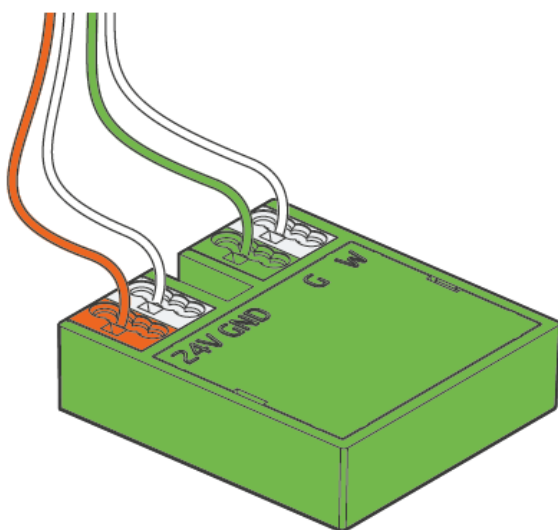
Electrical Data

Power supply	12 ... 28VDC
Power consumption	typ. 0.17W, max. 0.25W
Power loss at max. load	max. 0.25W
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)

Connections

Wire cross-section	0.25 ... 0.8mm ² / 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

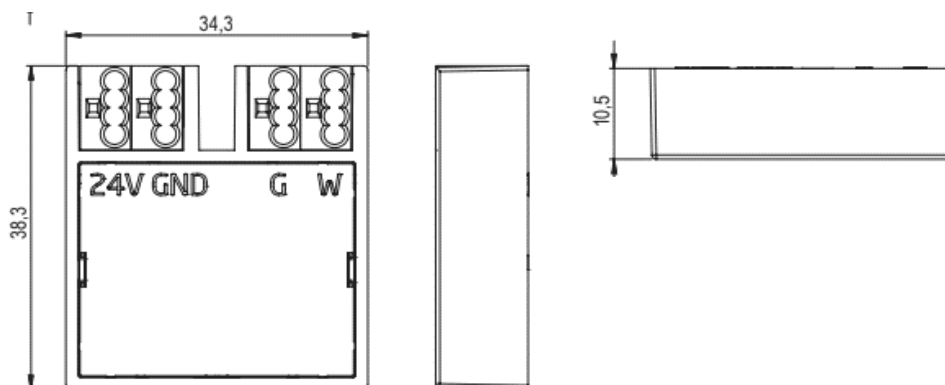


Product Characteristics

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)
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Certifications & Standards

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

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

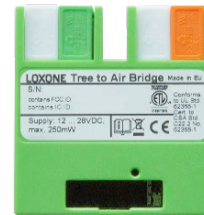
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loxone.com

Loxone UK
The Forum
Station Road
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United Kingdom

Datenblatt

Tree to Air Bridge

Art. Nr. 100451



Information zum Produkt

Die LoXone Tree to Air Bridge ermöglicht das Einbinden zahlreicher Geräte, die mit der LoXone Air Funktechnologie ausgestattet sind, oder als Erweiterung der Funkabdeckung von LoXone Air. Die Anbindung erfolgt über die Tree Schnittstelle.

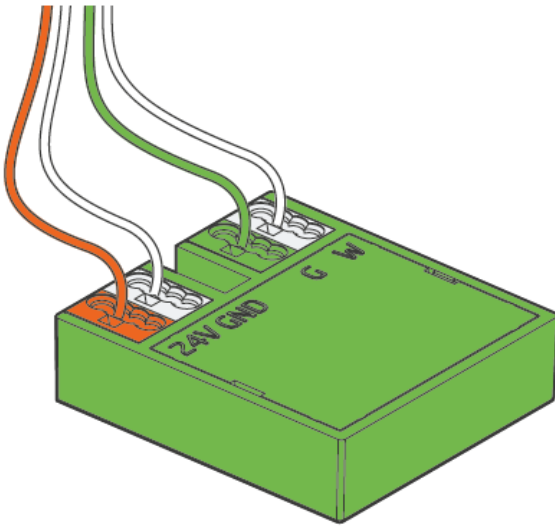
Elektrische Daten

Spannungsversorgung	12 ... 28VDC
Leistungsaufnahme	typ. 0.17W, max. 0.25W
Verlustleistung bei max. Last	max. 0.25W
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

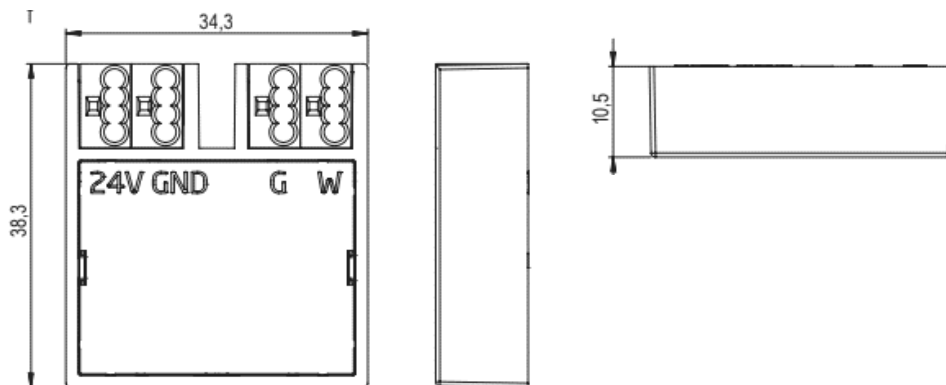


Produkteigenschaften

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)
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Zertifizierungen & Standards

Schutzart

IP20

UL 62368-1
CSA C22.2#62368-1

RECOGNIZED
COMPONENT

Zertifizierungen



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

Veröffentlicht von Loxone Electronics GmbH

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