

Datasheet

Tree Extension

Part No: 100218



About the product

The Loxone Tree Extension is used to extend the Miniserver, and allows the integration of various devices that are equipped with the Loxone Tree technology.

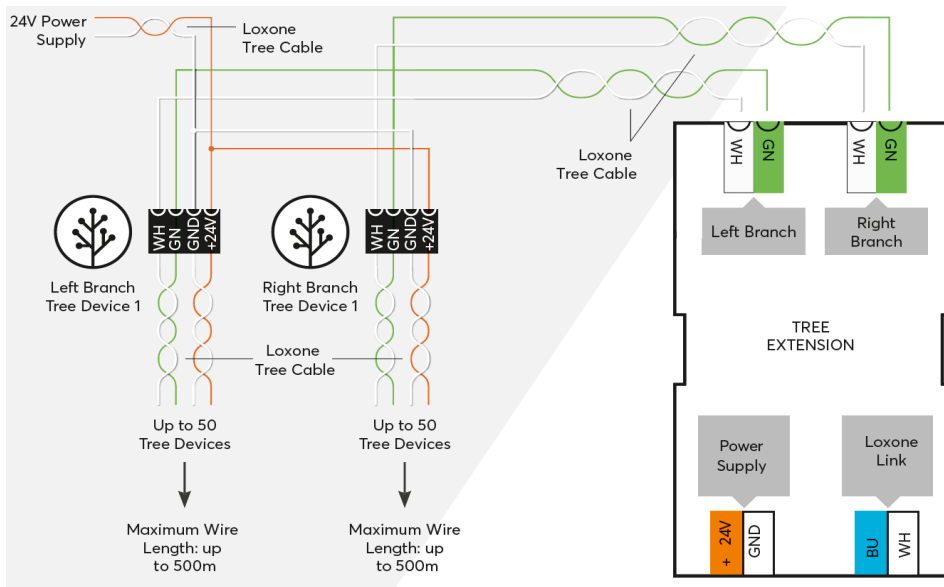
Electrical Data

Power supply	9 ... 28VDC
Power consumption	max. 115mW
Interfaces	Loxone Tree: 2 branches, up to 50 devices per branch max. 500m wire length per branch Loxone Link: connection with Miniserver
Power loss at max. load	115mW
Ambient temperature	-40 ... 70°C / -40 ... 158°F
Humidity	max. 95% r.H. (non condensing)

Connections

	Loxone Tree	Power Supply, Loxone Link
Wire cross-section	0.25 ... 0.8mm ² / AWG23 ... 18	0.05 ... 2.5mm ² / AWG30 ... 12
Stripping length	5mm / 0.2"	6 ... 7.5mm / 0.24 ... 0.30"
Torque of terminal blocks	-	0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft
Temperature resistance	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F for IEC, min. 75°C / 167°F for UL,
Orange / White	-	+24VDC / GND
Blue / White	-	Loxone Link
Green / White	Loxone Tree	-

Connection Diagram

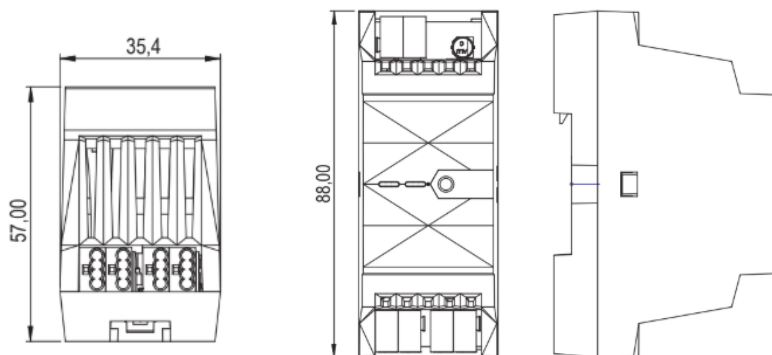


Product Characteristics

Mounting type	DIN rail according to EN50022, 35mm
Colours	Black: RAL 9005
Finish	Matte



Weight & Dimensions

Net weight	60g
Total weight	85g
Product dimensions	88x35.4x57mm / 3.46x1.39x2.24" (LxWxH)



Pack size	113x69x70.5mm / 4.45x2.72x2.78" (LxWxH)
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Certifications & Standards

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

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

Published by
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Datenblatt

Tree Extension

Art. Nr. 100218



Information zum Produkt

Die Loxone Tree Extension dient zur Erweiterung des Miniservers, und ermöglicht das Einbinden zahlreicher Geräte, die mit der Loxone Tree Technologie ausgestattet sind.

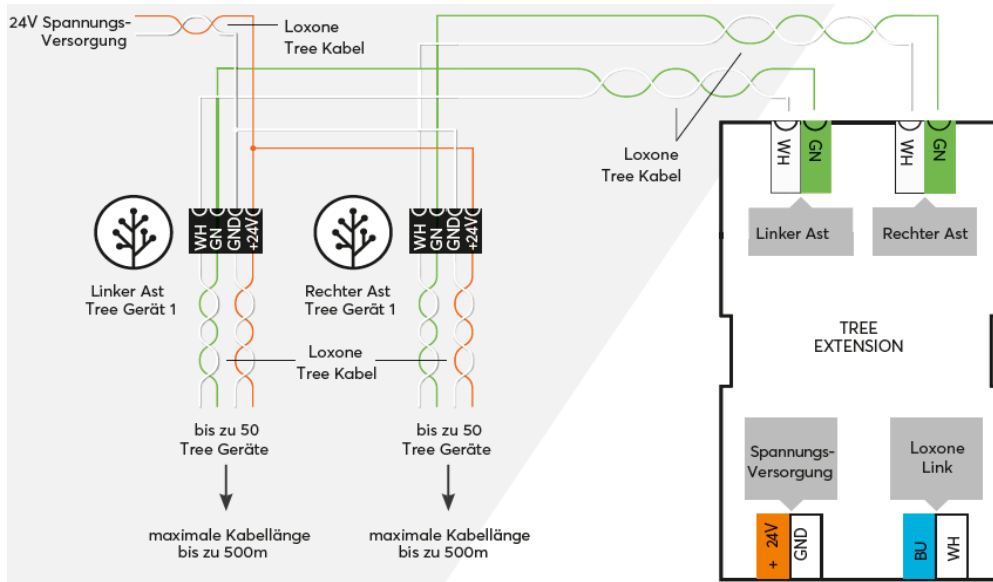
Elektrische Daten

Spannungsversorgung	9 ... 28VDC
Leistungsaufnahme	max. 115mW
Schnittstellen	Loxone Tree: 2 Äste, bis zu 50 Geräten je Ast max. 500m Kabellänge je Ast Loxone Link: Verbindung mit Miniserver
Verlustleistung bei max. Last	115mW
Umgebungstemperatur	-40 ... 70°C / -40 ... 158°F
Luftfeuchtigkeit	max. 95% r.H. (nicht kondensierend)

Anschlüsse

	Loxone Tree	Spannungsversorgung, Loxone Link
Leiterquerschnitt	0,25 ... 0,8mm ² / AWG23 ... 18	0,05 ... 2,5mm ² / AWG30 ... 12
Abisolierlänge	5mm / 0,2"	6 ... 7,5mm / 0,24 ... 0,30"
Drehmoment der Klemmen	-	0,5 ... 0,6Nm / 0,37 ... 0,44 lbf ft
Temperaturbeständigkeit	-40 ... 105°C / -40 ... 221°F	min. 80°C / 176°F für IEC, min. 75°C / 167°F für UL
Orange / Weiß	-	+24VDC / GND
Blau / Weiß	-	Loxone Link
Grün / Weiß	Loxone Tree	-

Anschlussplan

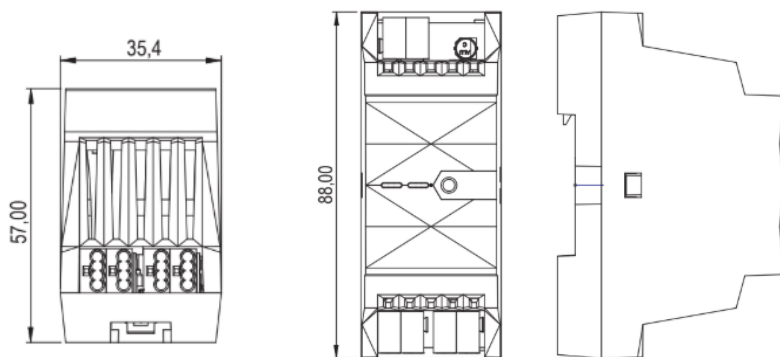


Produkteigenschaften

Montageart	Hutschiene nach EN50022, 35mm
Farbe	Schwarz: RAL 9005
Glanzgrad	Matt



Gewicht & Abmessungen

Nettogewicht	60g
Bruttogewicht	85g
Produktmaße	88x35,4x57mm / 3,46x1,39x2,24" (LxBxH)



Packmaß	113x69x70,5mm / 4,45x2,72x2,78" (LxBxH)
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Zertifizierungen & Standards

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

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

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