

## 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.

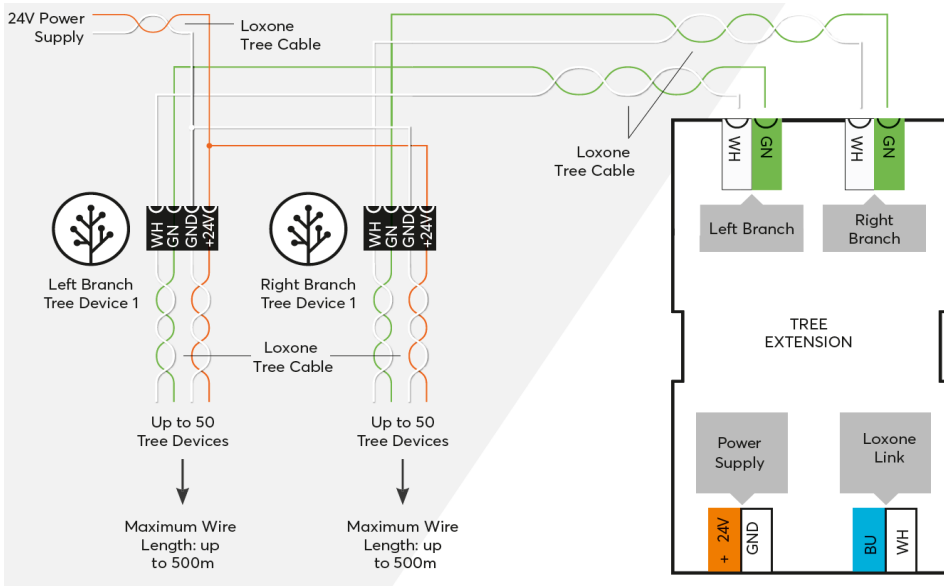
### Electrical Data

Power supply	9 ... 28VDC
Power consumption	typ. 0.30W
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	0.12W
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 <sup>2</sup> / AWG23 ... 18	0.05 ... 2.5mm <sup>2</sup> / 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

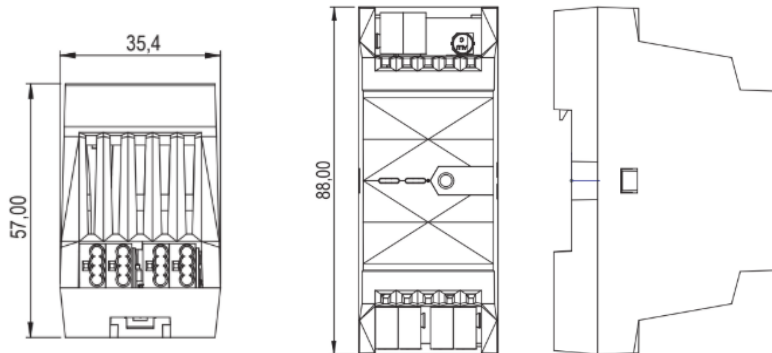


## Product Characteristics

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   

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.

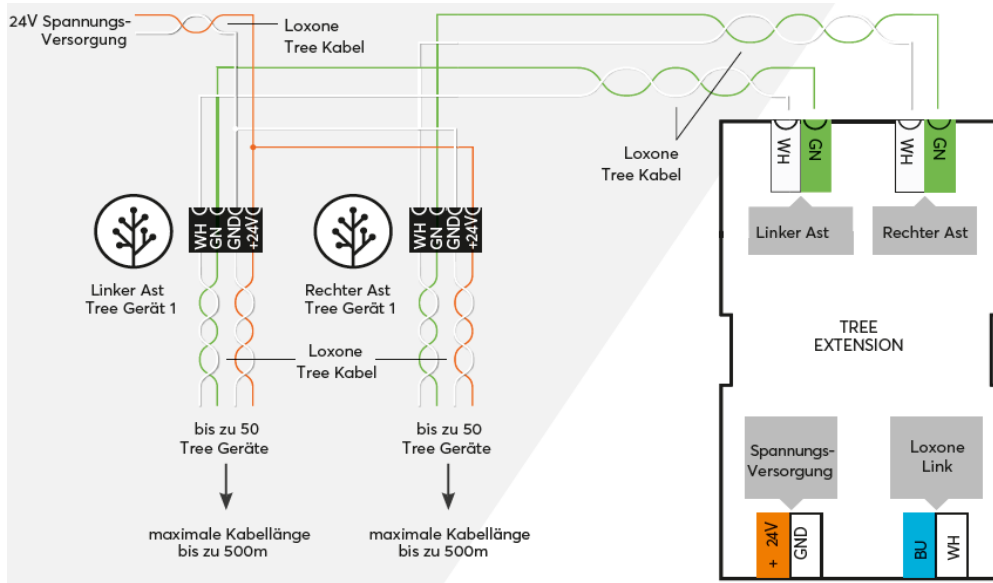
### Elektrische Daten

Spannungsversorgung	9 ... 28VDC
Leistungsaufnahme	typ. 0.30W
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	0.12W
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 <sup>2</sup> / AWG23 ... 18	0,05 ... 2,5mm <sup>2</sup> / 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

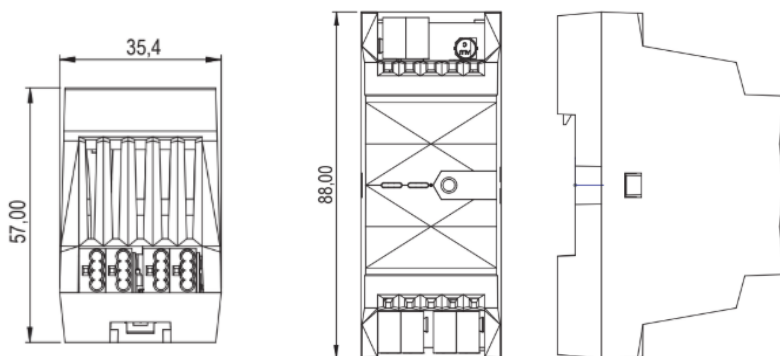


## Produkteigenschaften

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   

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

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