Technical Specifications

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)
Safety rating	IP20
Dimensions	88x35.4x57mm / 3.46x1.39x2.24" (LxWxH)
Maintenance & Cleaning	This device is free of maintenance and may only be cleaned with a dry cloth.

LOXONE

⚠️

For additional information, declaration of conformity, visit **www.loxone.com/datasheets**

V190924

ETL Intertek

UK CA CE

LOXONE

Tree Extension

Part No: 100218

About the product

The Loxone Tree Extension enables interfacing with up 100 Loxone Tree devices, 50 per branch. It can be used for a variety of nonsafety critical applications within your smart home.

Installation & electrical connection

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.

Connection

Wire cross-section	0.25 ... 0.8mm² / AWG23 ... 18
Stipping length	5mm / 0.2"
Temperature resistance	-40 ... 105°C / -40 ... 221°F

This folder is a part of the product!

⚠ For additional information, visit www.loxone.com/help/tree

24V Power Supply

Loxone Tree Cable

Loxone Tree Cable

Left Branch Tree Device 1

WH GN GND +24V

Right Branch Tree Device 1

WH GN GND +24V

Loxone Tree Cable

Up to 50 Tree Devices

Up to 50 Tree Devices

Maximum Wire Length: up to 500m

Maximum Wire Length: up to 500m

WH GN

WH GN

Left Branch

Right Branch

TREE EXTENSION

Power Supply

Loxone Link

+ 24V GND

BU WH