#### Supply & Power

Supply voltage	12 28VDC
Power consumption	typ. 0.4W (no bus load) max. 5.4W (incl. 250mA bus load)
Power loss at max. load	1.4W (at 250mA bus load)

#### **DALI** Interface

DALI devices	max. 10 devices / 16 groups
DALI types	supported DALI device types: 0-8 supported DALI-2 instance types: 1-4
Bus length	max. 300m / 985ft at 1.5mm²
Bus supply	guaranteed: 240mA max. 250mA

## Loxone Link Interface

Loxone Link	Connection with Miniserver
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## **Ambient Conditions**

Temperature	-40 55°C / -40 131°F
Humidity	max. 95% r.H. (non condensing)
Ingress Protection	IP20



For more information about this product, visit loxone.com/DALI-Extension-10Devices

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

Need Help? loxone.com/support



**LOXONE** 

DALI Extension for 10 Devices



Part No.: 100623

# **About the product**

DALI is a standardized wired lighting interface that offers a wide range of manufacturers and lighting fixtures. The Loxone DALI Extension integrates these products into the Loxone ecosystem, and is able to control up to 10 DALI devices.

#### Features:

- Up 10 DALI devices / 16 groups
- · Up to 300m cable length
- Supports DALI device-types 0-8
- Supports DALI-2 instance types 1-4
- Integrated DALI power supply (switchable)
- DALI-2 certified

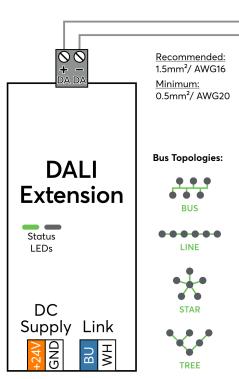
## **Connections**

## 24VDC & Loxone Link

Wire cross-section	0.280.8mm² / AWG2318
Stripping length	56mm / 0.20.24"
Temperature resistance	-40105 °C / -40221°F

#### **DALI Interface**

Wire cross-section	0.25 2.5mm² / AWG24 12
Stripping length	7mm / 0.28"
Temperature resistance	-40 70 °C / -40 158°F



DA DA

Bus-

powered

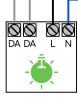
DALL

device



Buspowered DALL

device



Externally powered DALL device

# **DALI Bus Supply**

Check power requirements of connected DALI devices!

Sensors: Bus-powered or externally powered (AC or DC)

Lighting: Externally powered (AC or DC)

**DALI Extension:** Integrated Bus Supply is ON by default. If a separate DALI Power Supply is used, switch OFF in Loxone Config and observe Polarity at the DALI Extension!

# **Safety Instructions**

Installation must be carried out by a qualified electrician in accordance with the applicable regulations. This device is free of maintenance and must only be cleaned with a dry cloth.