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 |
|-------------|----------------------------|
|-------------|----------------------------|

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
- Supports DALI broadcast mode

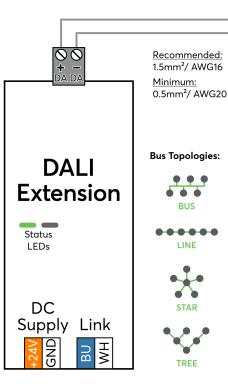
Connections

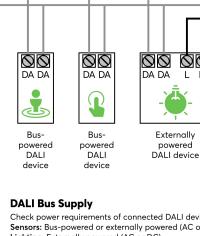
24VDC & Loxone Link

| 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 |





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.