LED DALI USB Mini - User Manual

Item no.: LC-004-010

1. Product Description

The DALI USB Mini is a communication interface between PC and modules in a DALI lighting system and is generally applicable to address and configure DALI compnents. It can be used for status requests and parameter setting as well. Supply is via DALI-Line and USB interface.
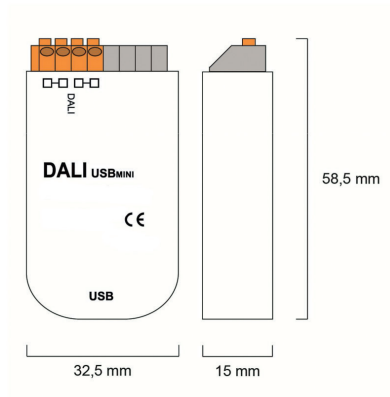
2. Specification

power supply	via DALI-Bus and USB interface
typ. current consumption (DALI/USB)	6mA/10mA
USB connection	1,0m cable
Output	DALI
max. wire cross-section	1,5 mm2
dimensions (L x W x H) in mm	59 x 33 x 15 mm
weight	15g

3. Description

1. Communication interface between DALI system
2. bidirectional data transfer
3. the DALI USB is generally applicable to address and configure DALI compnents. It can be used for status requests and parameter setting as well.
4. Standard DALI protocol and various extended DALI protocols are supported
5. monitoring of DALI-communication
6. USB and DALI-line are electrically isolated
7. supply via DALI-line and USB interface
8. the „DALI-Cockpit" configuration and monitoring software is for free
9. Doubel DALI terminals - the DALI signal line is connected through

4. Dimensions

58,5 mm

DALI USBMINI

USB

32,5 mm   15 mm

5. Wiring Diagram

Connection

The DALI Transceiver module has to be connected directly to the DALI bus and with the USB cable to the USB Interface. It is supplied with power by the DALI bus and USB interface and does not need any additional power supply. In order to supply additional components on a DALI line the installation of a power supply (DALI PS) is required. The connection to the DALI-line is polarity free and immune to overvoltage.