siteco

SITECO Connect 21 DALI1
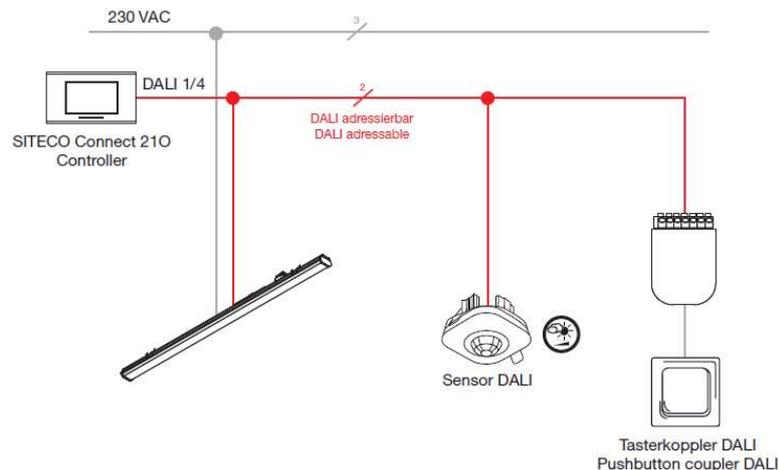
Controller 5LZ904712
Manual

Content

1. Description

SITECO Connect 21O DALI 1 offers a complete package for controlling and programming lighting systems: The addressing of DALI lights and sensors is fully included and possible during operation. The controller has 4 DALI lines. Parameterization is carried out using commissioning software.
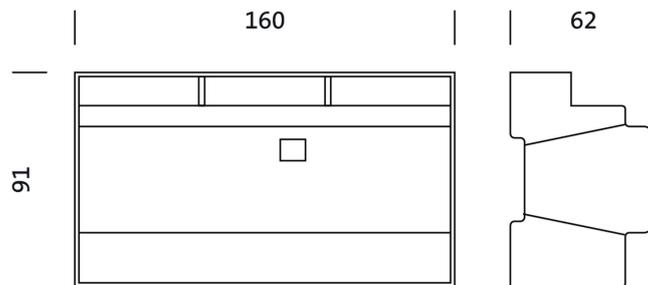
2. Hardware

- housing made of flame-retardant, halogen-free polycarbonate
- IP rating IP20, protection class I
- mains: 220…240VAC, 50/60 Hz
- ambient temperature range: 0…40°C
- DIN rail mounting, 9 TE
- quantity of DALI lines: 4
- integrated DALI power supply: yes
- DALI2 certified: no
- multiple controllers can be networked: yes

3. Scheme

4. Dimensions

160   62

91

5. Tender Text

Lighting control device for 4 DALI lines with light scene control and for configurable energy-saving applications.

For mounting on 35 mm top-hat rail according to DIN 43880.

Control device with 4 DALI ports and integrated DALI supply in accordance with EN/IEC 62386 for connection of up to 256 DALI addresses.

Connection of sensors and control elements via the DALI line for simple, cost-saving installation. 4 integrated load contacts 5 A can be used as NC contacts, NO contacts
and changeover contacts.

For applications with up to 4x 16 lighting groups and up to 4x 16 scenes.

Connection of up to 50 push-button/sensor couplers via DALI cable for connection of combination sensors (light and presence and presence detection) for luminaire or ceiling installation or standard installation push-buttons without reducing the number of connectable
DALI ECGs.

Connection of up to controllers via Ethernet network to control up to 1024 DALI addresses.

Integrated LED field with function buttons for building site lighting without connected wall switches and for easy simple check for correct DALI installation.

Basic functionality for commissioning without software for applications with 4 wired lighting groups via push-button/sensor coupler with DALI broadcast.

Integrated real-time clock for time-based events. Battery buffer in the event of mains interruption.

Weekly switching plan for the use of up to 50 different event times with automatic summer/winter time change-over

Smartphone app functionalities:

- Switching and dimming with status display
- Grouping into rooms possible

- Access restriction with individual release of each control element per user and password request
- Calling up static lighting scenes lighting scenes and dynamic sequences
- Control element for colored light (RGB)
- Control element for changing the color temperature (TW)

Configuration software:
- Simple commissioning on the PC screen via configuration software with Windows interface and flashing sequence.
- Flexible assignment of functions of the DALI ECGs, sensors and control elements across all 4 DALI lines.
- With component display in the device tree and interactive scene preview.
- Daylight-dependent light control with up to 10 light sensors per control group.
- Static light scenes via presence sensors or operating elements (standard installation push-buttons, smartphone app) can be called up.
- Configuration of time-based light sequences
- Corridor function
- Sequence controls and sequences formed from individual scenes.
- Single-button operation for multiple scenes.
- Serial / parallel configuration of grouped switches.
- Configuration comparison with available devices.
- Fully automatic creation of a detailed HTML system report with display of the complete configuration including all devices, parameters and functions used.
- Test function for checking all individual devices used.
- Adjustable RGB effect sequencer.
- Adjustable daylight simulation (brightness and color temperature).

6. Contact Person

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