Light Controller, DALI, 4-fold, 8 groups, SM

Surface-mounted DALI Gateway for false ceiling or underfloor installation. Device for switching and dimming of 8 independent lighting groups with electronic DALI ballasts (DALI = Digital Addressable Lighting Interface to EN 62386). The device can be used not just as a KNX-DALI gateway, but also as a Lighting Controller for constant lighting control in conjunction with a Light Sensor.

The following functions are possible:
- 64 DALI devices can be individually assigned to 8 lighting groups
- Switching and dimming of 8 lighting groups
- 4 of the 8 lighting groups can be applied individually in conjunction with Light Sensor LF/U 2.1 to control the brightness in closed rooms
- Feedback of the switching state and the brightness per lighting group
- Adjustable dimming speeds and brightness thresholds
- Recall and store up to 14 light scenes (8 bit or 1 bit commands)
- Slave operation of lighting groups controlled internal or external via communication object
- One offset brightness per control circuit, for example, to control a second lighting strip (slave) with differing brightness
- Staircase lighting function (incl. warning and basis brightness)
- Staircase lighting function can be combined with constant lighting control
- DALI characteristic adjustment to adjust the DALI adjustment range to KNX
- Signalling of lamp and ballast faults for a lighting group
- Coded lamp and ballast fault information for each DALI device
- Inhibit of error messages via KNX communication object
- Fluorescent lamp burn-in function by lighting group
- Fixed DALI ballast brightness after ballast voltage recovery (power-on level) can be adjusted
- Manual switching of all connected DALI ballast via a Test button
- ETS independent DALI commissioning tool used to assign DALI devices to desired lighting groups and to put the lighting control into operation. The error state of the DALI devices is also displayed with the tool.

Output 1 DALI output with integrated DALI current source for max. 64 DALI devices

Operating voltage 85 … 265 V AC, 45 … 65 Hz
110 … 240 V DC

Inputs 4, for light sensor LF/U 2.1

Control operating range Lighting control in 200...1200 Lux range
Optimised typically for 500 Lux

Connection Plug-in screw terminals

Enclosure IP 54, EN 60 529

Installation Surface-mounted

Dimensions (H x W x D) 147 x 202 x 50 mm

Manufacturer ABB STOTZ-KONTAKT

Type **DLR/A 4.8.1.1**

Material: ........... Labour: ...........