

DALI-2 LED 1 CHANNEL DIMMER 8 A FOR INSTALLATION DL-1CH-8A-DC12+



Manuals and documents in further languages:
[https://eltako.com/redirect/DL-1CH-8A-DC12*](https://eltako.com/redirect/DL-1CH-8A-DC12%)

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DL-1CH-8A-DC12+



DALI-2 LED 1 channel dimmer for luminary installation and installation. 59 mm long, 33 mm wide, 15 mm high. Protection class IP20. Only 0.12 watt standby loss.

DALI-2 certified. DALI-2 is the newest generation of the DALI standard with an extended range of functions. DALI-2 devices also include all previous DALI functions and are therefore backwards compatible. Suitable for controlling **constant voltage** LED modules (CV) with operating voltages from 12 V to 48 V. Sw&Dim or SwitchDim2: Operation via one or two button inputs enables the brightness to be controlled without DALI, alternatively corridor function for direct control with a motion detector. Dimming range 0.1%-100%. Switchable PWM frequency (122 Hz/244 Hz/488 Hz/976 Hz). Supply voltage 12 V to 48 V DC. Maximum connection current: 8 A High efficiency. Configuration via DALI Cockpit PC software and DALI USB interface.

Operating modes:

The output channel is controlled by a DALI address (Device Type 6). Alternatively, operation can also take place by one (Sw&Dim) or two pushbutton inputs (SwitchDim2). SwD1, Sw&Dim: brightness. Press pushbutton briefly: On/Off. Press pushbutton long: Dim. SwD2: Scene switch (press pushbutton briefly). If you press the SwD1 input for 2 minutes, the mode changes to 'Corridor function'. The operating mode remains active until the device is disconnected from the supply voltage (after switching on again: operation via SwD1/SwD2).

Corridor function:

Mode with integrated staircase time switch (e.g. simple activation of one or several motion detectors by relay contact). When the input is activated, the maximum value is switched on. After the input signal decays, the brightness remains at this value for the duration of the hold time before it drops down to the intermediate value. After the hold time for the intermediate value expires, brightness returns to the basic value. The process starts from the beginning when the input is re-activated. The DALI Cockpit software can configure 1-channel LED dimmers. You can define both group assignment and configure scene values and DALI parameters (the parameters displayed are the as-delivered states).

As-delivered state:

Before addressing for the first time, the device can be controlled via the group address G0. This preset group assignment is deleted when addresses are assigned. Afterwards, you can define any group assignment in the DALI Cockpit. The values defined in the DALI standard are generated by sending a DALI reset command.

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| DL-1CH-8A-DC12+ | DALI-2 LED 1 channel dimmer 8 A for flush-mounted box | Art. No. 33000015 | 105,58 €/pc. |
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