3 channels DALI LED dimmer 8 A
DL-3CH-8A-DC12+

> **Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!**

> Temperature at mounting location:
> -20°C up to +50°C.
> Storage temperature: -25°C up to +70°C.
> Relative humidity:
> annual average value <75%.

3 channels DALI LED dimmer for luminary installation and flush-mounted box. 59x33x15 mm. Protection class IP20. Only 0.12 watt standby loss.

Designed to control **constant voltage** LED modules (CV) at operating voltages of 12 V to 48 V.

Operating mode DT6: separate control of channels via 3 DALI addresses.

Operating mode Colour&Dim: activated by 2 DALI addresses, one to adjust brightness and one to set the colour.

SwitchDim2:
operation via 2 pushbutton inputs permits control of brightness and colour without DALI.

Dimming range 0.1%-100%.

Switchable PWM frequency (122 Hz/ 244 Hz/488 Hz/976 Hz).

Power supply from 12 V to 48 V DC (depending on operating voltage of LED modules).

Connected current 8 A.

The maximum connected current can be distributed to any channel.

High efficiency.

Configuration via DALI Cockpit PC software and DALI USB interface.

Operating modes:
The device has several operating modes:
DT6 (as-delivered state): In this operating mode each channel is controlled by a separate DALI address (Device Type 6).

Alternatively, operation can also take place by two pushbutton inputs (SwitchDim2):
SwD1:
brightness.
Press pushbutton briefly: On/Off.
Press pushbutton long: Dim.
SwD2:
Scene switch (press pushbutton briefly).

Colour&Dim:
This operating mode is used to control RGB luminaries. Control is by means of 2 DALI addresses; one address affects brightness and the other affects channel distribution (e.g.: colour).

Colour&Dim mode is used to adjust colour temperature without affecting brightness and vice versa. Adjustment is by means of DALI standard commands such as Dim Up/ Down. This permits all customary controls and gateways (e.g. KNX). This control option is an alternative to DT8-RGBWAF mode.
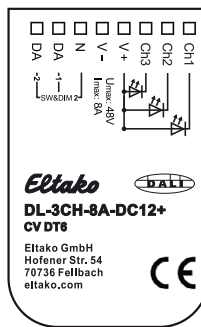
Operable via DALI or SwitchDim2:
DALI address 1, SwD1: brightness.
DALI address 2, SwD2: Colour.

Technical data

Max. connected current	8 A
Plug-in terminals:	
Max. conductor cross-section	1.5 mm^2

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.

> **Must be kept for later use!**