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4 channels DALI LED dimmer 16 A
DL-4CH-R16A-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%.

4 channels DALI LED dimmer for DIN-EN 60715 TH35 rail mounting. 98x17,5x56 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 4 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 16 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	16 A
Screw terminals:	
Max. connection cross-section	2.5 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!

Eltako GmbH
D-70736 Fellbach
Technical Support English:
☎ +49 711 94350025
✉ technical-support@eltako.de
eltako.com

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