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**DALI LED dimmer 16 A RGB**  
**DL-RGB-16A-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%.

**DALI LED dimmer with RGB colour control for ceiling installation. 120 x 30 x 22 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 DT8: a DALI address to control brightness and colour DALI DT8, Type RGBWAF).

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

SwitchDim2:  
Operation via 2 switch inputs permit brightness and colour to be controlled without DALI.

Dimming range 0.1%-100%.

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

Power voltage 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 the channels as required.

Low stand-by losses.

High efficiency.

Configuration via DALI Cockpit PC software and DALI USB interface.

**Operating modes:**

The device has several operating modes:

**DT8** (as-delivered state):

In this operating mode brightness and colour are controlled by a DALI address (Device Type 8). Alternatively, operation can also take place by two pushbutton inputs (SwitchDim2):

SwD1:

brightness.

Press pushbutton briefly: On/Off.

Press pushbutton long: Dim.

SwD2: Colour

**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.

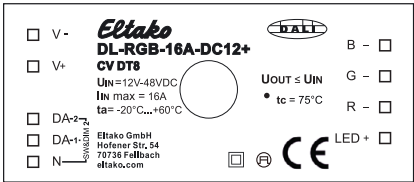
Operable via DALI or SwitchDim2:

DALI address 1, SwD1: brightness.

DALI address 2, SwD2: Colour.

**Technical data**

Max. connected current	8 A
Plug-in terminals:	
Max. connection cross-section	2.5 mm², DALI 1.5 mm²



**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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