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DL-TW-2LT-8A-DC12+



DALI-2 LED dimmer for separate control of brightness and colour temperature. 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, operating mode DT8: control brightness and colour temperature by a DALI address (Device Type 8, Colour Type Tc) operating mode Balance&Dim: activated via 2 DALI addresses, one to adjust brightness and one to set channel distribution (e.g. colour temperature).

Operating mode Dim2Warm: one DALI address to dim and to change the colour temperature at the same time. SwitchDim2: Operation via two button inputs enables control of brightness and color temperature without DALI.

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. 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:

DT8 (as-delivered state): in this mode a DALI address (Device Type 8, Colour Type Tc) is used to control brightness and colour temperature. Alternatively, operation can also take place by one or two pushbutton inputs (SwitchDim2).

SwD1: brightness. Press pushbutton briefly: On/Off. Press pushbutton long: Dim.

SwD2: Colour temperature.

Balance&Dim: Control is by means of 2 DALI addresses (or SwitchDim2); one address is used for dimming and the other for channel distribution (i.e., e.g.: tunable white or direct/indirect lighting distribution).

The Balance&Dim mode is used to adjust colour temperature without affecting brightness and vice versa.

The adjustment is carried out using DALI standard commands such as Dim Up/Down and can therefore be carried out with all common controls and gateways. This control option is an alternative to DT8-Tc mode.

Operable via DALI or SwitchDim2:

DALI address 1, SwD1: brightness.

DALI address 2, SwD2: Balance.

Dim2Warm: The two output channels are controlled by a DALI address or an SwD input. Channel distribution is permanently coupled to the dimming value. The smaller the dimming value, the warmer the light.

DALI address 1, SwD1: Dim2Warm (Master). Press pushbutton briefly: On/Off. Press pushbutton long: Dim.

DL-TW-2LT-8A-DC12+	DALI-2 LED dimmer 8 A tunable white for flush-mounted box	Art. No. 33000010	120,37 €/pc.
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