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DALI-2 1-channel pushbutton coupler + power supply

DL2-TK1L-N-50mA

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%.

Compact DALI-2 control module with 1 switching input. For installation. 59 mm long, 33 mm wide, 15 mm deep. Protection class: IP 20.

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. Compact DALI-2 control module with 1 switching input for 230 V AC. With integrated DALI bus supply (50 mA), an additional bus supply may not be connected. Galvanic isolation between switching input and DALI interface. Multi-master capable, multiple modules can be installed on the same DALI line. Integrated DALI-2 Application Controller. Individual DALI command effective range and switching functions can be assigned to each input. In addition to the standard DALI commands, the application controller also enables DALI DT8: Tunable White and White RGB(W) control as well as macros. The module has a DALI-2 instance for easy integration. Supports short press, long press (with repeat for dimming) and toggle. In addition to buttons, it is also suitable for switches. Easy configuration via a LUNATONE DALI interface and DALI-Cockpit Software tool. Application controllers and instances can be active at the same time. The polarity of the output voltage is visible on the housing (DA+, DA-).

Application and function:

The DL2-TK1L-N-50mA serves as a universal

module for controlling DALI-compatible lights.

The function of each switching input can be set individually.

Like other Lunatone control devices, the settings can be made using the DALI Cockpit software tool. In principle, a distinction is made between the application controller and the DALI-2 instances. The Application Controller leads to direct DALI control commands that are immediately executed by the DALI drivers. The DALI-2 instances generate event messages that are interpreted and further processed by higher-level control units (WAGO, Beckhoff, LUNATONE DALI-2 KNX Gateway). Application controllers and instances can be active at the same time.

Delivery condition:

When delivered, a basic configuration is already implemented (factory settings). If necessary, this can be changed and adapted to the current application.

Technical data

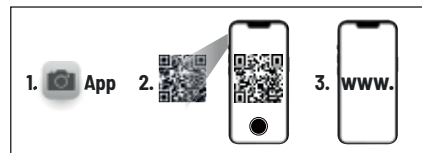
Plug-in terminals:

Max. wire cross section 1.5 mm²

Manuals and documents in further languages:



<https://eltako.com/redirect/DL2-TK1L-N-50mA>



Must be kept for later use!

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10/2024 Subject to change without notice.