



33 000 029-1



DALI-2 2-channel pushbutton coupler + power supply

DL2-TK2L-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 2 freely programmable switching inputs.

For installation. 59 mm long, 33 mm wide, 15 mm deep. Protection class: IP 20.

DALI2 certified. DALI2 is the newest generation of the DALI standard with an extended range of functions. DALI2 devices also include all previous DALI functions and are therefore backwards compatible. Compact DALI-2 control module with 2 switching inputs 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. Integrated DALI-2 Application Controller. Individual DALI commands-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 TC and RGB(W) control. Easy integration through two DALI2 pushbutton instances. Supports short button press, long button press (with repetition for dimming and toggle. In addition to buttons, also suitable for switches. Alternative button function, each of the inputs can also be assigned a second function, which can be activated/deactivated via a scene command on the DALI bus. Sequences, macros and other functions are available in the Application Controller. Simple configuration via a LUNATONE DALI interface and DALI Cockpit software tool. The polarity of the output voltage is visible on the housing

(DA+, DA-).

Application and function:

The DL2-TK2L-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

Maximum DALI output current	250 mA
Plug-in terminals:	
Max. wire cross section	1.5 mm ²

Manuals and documents in further languages:



<https://eltako.com/redirect/DL2-TK2L-N-50mA>



Must be kept for later use!

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