



33 000 027 - 1



## DALI-2 1-channel pushbutton coupler DL2-TK1L

**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 current consumption 4.6 mA.**

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. The DL2-TK1L is powered by the DALI bus, no separate supply is required. The connection to the DALI terminals is polarity-independent. 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 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: Tunable White and RGB(W) control as well as macros. The module has a DALI-2 instance (pushbutton type, according to IEC62386-301) for easy integration. Supports short press, long press (with repeat for dimming) and toggle. In addition to buttons, it is 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. Configurable 'power-up'

behavior. The DL2-TK1L is powered by the DALI bus, no separate supply is required. The connection to the DALI terminals is independent of polarity.

### Application and function:

The DL2-TK1L 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

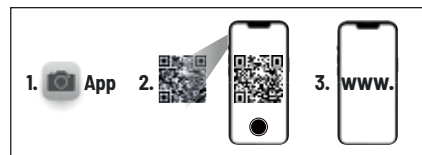
Plug-in terminals:

Max. wire cross section 1.5 mm<sup>2</sup>

### Manuals and documents in further languages:



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



**Must be kept for later use!**

### ELTAKO GmbH

D-70736 Fellbach

#### Technical Support English:

+49 711 943 500 25

technical-support@eltako.de

eltako.com

10/2024 Subject to change without notice.