

DALI-Dimmer-Set 1-Channel, 12V DC

User manual

INTRODUCTION

Thank you for choosing a product by Häfele. We want you to have a lot of fun with your new product and therefore ask you to read these installation and operating instructions carefully. They contain important information for installation and operation. Take care if you pass the product on to third parties. Keep this document on file for future reference.



TECHNICAL DATA

	DALI-Dimmer-Set 1 channel 12 V
Operating voltage	12 V DC
Max. load	5A
Max. power	60 W
Connections	Screw clamps with strain relief
Operating temperature	-10°C - +60°C
Dimension (LxWxH)	184 x 40 x 25,2 mm
DALI Standard	IEC62386-207

INTENDED USE

The DALI dimmer set is used to power and control LED modules, i.e. LED strips (sold separately). The DALI dimmer set is designed exclusively for use in dry indoor locations. The DALI dimmer set may only be operated with a suitable converter, which is approved for the operation of lamps and works with a constant output voltage of 12V DC. In addition, only LED modules may be connected, that can be operated with a constant voltage, which corresponds to the output voltage of the LED converter.

Changes to the device or components can cause damage to it and in addition can lead to potential risks such as short circuit, fire, electric shock, etc. For injury or damage arising from improper use, not the manufacturer but the operator is responsible.

Damage resulting from failure to observe the safety and installation instructions will void all warranty claims. The manufacturer will not be liable for any resulting consequential damage. Technical changes that do not affect the contents of this installation and operating instructions are reserved.

SAFETY INSTRUCTIONS



- Make sure that no installation and connection wires are damaged during installation!
- Do not use the device if it is damaged!
- Protect the device from moisture, water or heat!
- Do not operate the device in the immediate vicinity of flammable gases, vapors and / or dust!
- Do not expose the product to heavy mechanical pressure!
- LED components are generally operated with so-called safety low voltages (i.e. 12V or 24V). Do not connect any components directly to 230V~, except when the respective installation and operating instructions as well as the labeling on the device does not explicitly specify this (for example, primary side of power supplies). It can be fatal!
- Be sure to follow the safety instructions and documentation of any other appliances that are connected to these devices!
- In commercial facilities, the safety regulations of the professional trade association for electrical installations and equipment must be observed.
- The product is not a toy! It contains small parts that can be swallowed by children!

MOUNTING OF THE DALI DIMMER SET

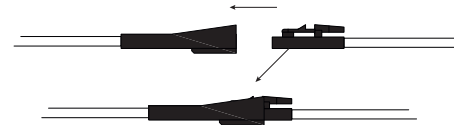
Mount the DALI dimmer set in a suitable place and, if necessary, screw the device to the provided mounting tabs. Depending on the load, you should make sure that sufficient air circulation is possible at the installation site. Furthermore, install the device in an easily accessible place in order to carry out subsequent revision work easily.

CONNECT THE DALI DIMMER SET

ATTENTION: The DALI dimmer does not contain a power supply and operates with a voltage between 12V DC. Never connect the device directly to mains voltage! There is a danger to life!

Connecting plug and socket

Plug and socket are coded and can therefore only be plugged into each other in a specific position. Align the connector and the socket according to the coding and insert them into each other until a clear mechanical stop is felt. Check the correct fit of the connector.

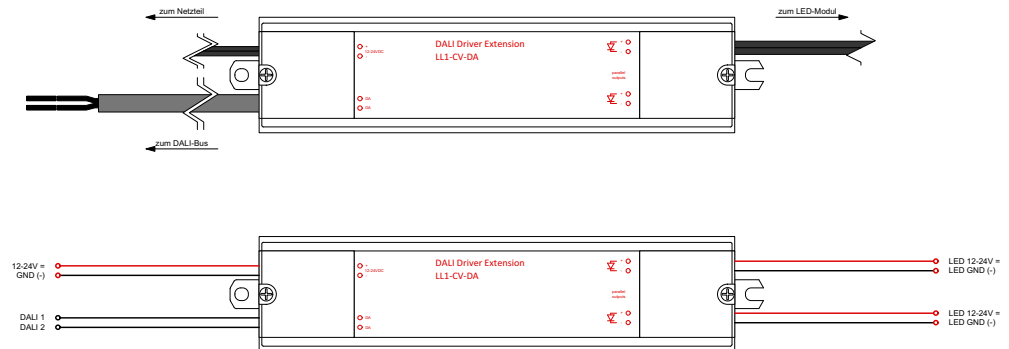


Connect the LED plug on the input side of the DALI dimmer with a suitable power supply unit and connect your LED strip to the LED socket on the output side.

SETTING THE DALI ADDRESS

To control the DALI dimmer you need an installed DALI bus according to IEC62386 or a suitable DALI potentiometer (single control).

The addressing of the DALI dimmer set is done via your DALI software or your DALI controller.



SUPPORT, GUARANTEE OR WARRANTY

If you need technical assistance during installation, commissioning or use of the products, if you suspect an error or defect or want to enforce guarantee or warranty claims, please always first contact your dealer where you purchased the product. Only then you can be helped quickly and easily.

CARE, MAINTENANCE, REPAIR

To clean the product, it is sufficient to wipe the surface with a dry or damp cloth. Make sure that no moisture penetrates and do not use any aggressive cleaning agents which possibly attack the material and can damage the device.

Inside the device there are no user-serviceable parts! In case of a technical defect please contact qualified personnel.

PROPER DISPOSAL



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