

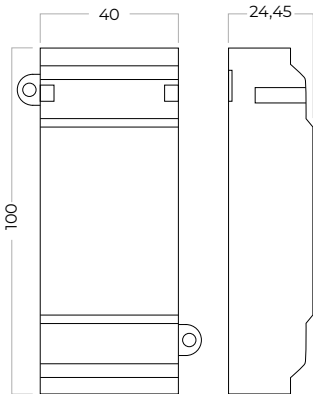
DALI2-CV-UL

DALI2 Input

Constant-voltage PWM output



40x100x24,45 mm
with KIT-COVER 40x100x24,45 mm



TECHNICAL CHARACTERISTICS

- Power interface conductor diameter 14-30 AWG (0.05-2.08 mm²)
- Control interface conductor diameter 15-30 AWG (0.05-1.65 mm²)
- Control inputs: Isolated button, DALI2, Linear potentiometer 100K, 0-10V Passive (non-isolated), 1-10V Passive (non-isolated)
- **For versions with FW earlier than V5.3 only the DALI2 input is present**
- Dimmer with active output short-circuit protection*
- Sync outputs: PWM x1
- PWM frequency: 390 Hz
- UL Printed Circuit Board
- Protection class: IP20
- Protection against: reverse polarity, open circuit, voltage surges, overtemperature

SAFETY WARNINGS

- Thermal cut-off: 150° C on uC
- Storage temperature min: -40° C, max: 60° C
- Operating temperature min: -20, max: 50° C
- The device has no earth connection
- Protection against accidental contact is ensured by the enclosure
- Note on 0-10V(1-10V): this control circuit is not isolated, use only an isolated 0-10V(1-10V) signal generator
- To power the device, a SELV power supply must be used in order to maintain the required level of electrical safety
- All connections must be made with de-energized equipment and carried out by qualified personnel
- If the control voltage of the PUSH input exceeds the SELV voltage, use of the OPTIONAL terminal cover/cable gland is required to keep the product in CLASS II
- Use only in dry environments
- To set the fade and the logarithmic/linear output curve and short-circuit protection* the SETUPPER interface (sold separately) is required; the operating modes are recognized and set automatically by the device without the need for an external interface

* From firmware version 5.5 the short-circuit protection is disabled. To enable it, the SETUPPER interface (sold separately) is required (see page 7 of the manual).



CODE	SUPPLY RANGE	CURRENT	POWER PER OUTPUT	OUTPUTS	CONTROL	LOAD TYPE	PART NUMBER
DALI2-CV-UL	8-53 V DC	12A	576W at 48V 288W at 24V 144W at 12V	1	DALI2 / 0-10V / 1-10V / POT / PUSH	single-color	L400MA04TIA10-UL



Maintenance: the device is maintenance-free. To clean it, use a dry cloth. Absolutely avoid the use of solvents or other aggressive substances.



Disposal: the product described in this technical data sheet, at the end of its useful life, is classified as waste from electronic equipment under European Directive 2012/19/EU (WEEE recast), transposed in Italy by Legislative Decree no. 49 of 14 March 2014, and may not be disposed of with unsorted municipal waste. Important: improper disposal of the product may cause serious harm to the environment and human health. For correct disposal, find out about the collection and treatment methods set by your local authorities.