

PHASE-CUT-CV-UL

PHASE CUT input PWM constant voltage output

TECHNICAL FEATURES

- Power interface conductor diameter 14÷30 AWG (0.05÷2.08 mm²)
- Conductor diameter control interface 15÷30 AWG (0.05÷1.65 mm²)
- Control inputs: Phase cut (IGBT, TRIAC, MOSFET), isolated push button, DALI2, 100K linear potentiometer, 0-10V passive (non-isolated), 1-10V passive (non-isolated)
- Dimmer with active output short circuit protection*
- Synchronization outputs: PWM x1
- PWM frequency: 390 Hz
- UL Printed Circuit Board
- Protection class: IP20
- Protection against: reverse polarity, open circuit, voltage peaks, overtemperature

SAFETY WARNINGS

- A SELV power supply must be used to power the device in order to maintain the level of electrical safety required
- All connections must be made with de-energized equipment and carried out by specialized personnel
- Use only in dry environments
- Protection against accidental contact with live parts is provided by the lamp casing
- To remove the cables, unscrew the terminal screws
- The section of the power supply input conductors (DC IN), load output (OUT CV) and push/ DALI interface (DALI/P1 DALI/P2) is 14÷26 AWG (1.0 mm² IEC STANDARD)
- The conductor section of the DIMM dimming interface (D+ D-) is 14÷30 AWG (1.0 mm² IEC STANDARD)
- The device must be used in conjunction with a separately approved LED control gear as per IEC/EN 61347-2-13 specifications, SELV output, constant voltage, short-circuit proof
- Tc point max: 95°C
- Tc is positioned on the terminal screw corresponding to the Tc indication (see figure A)
- Note on 0-10V(1-10V): this control circuit is not isolated, use only an isolated 0-10V(1-10V) signal generator
- Isolated inputs, non-isolated outputs
- The DIMM interface circuit (D+ D-) is not isolated
- **WARNING!** More than one power source is present on the device



40x80x24,45 mm
plus KIT-COVER 40x100x24,45 mm

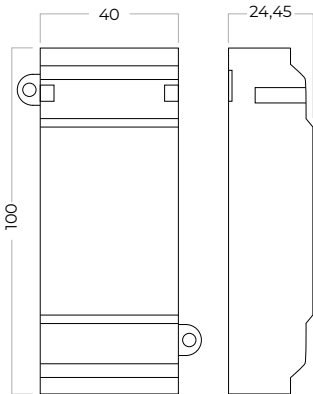
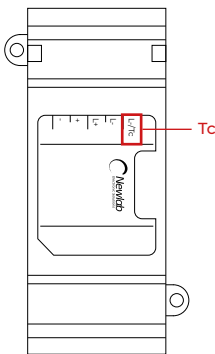


figure A



From firmware version 5.5 onwards, short-circuit protection is disabled.
To enable it, you need to purchase a SETUPPER interface, sold separately. (see pag. 8).



CODE	POWER RANGE	CURRENT	POWER	OUTPUT	INPUT	LOAD TYPE	PART NUMBER
PHASE-CUT-CV-UL	8÷53 V DC	12A	576W a 48V 288W a 24V 144W a 12V	1	PHASE CUT DALI2 / 0-10V / 1-10V / POT / PUSH	monochrome	L400MA04TIA20-UL

Maintenance: The appliance is maintenance-free.
Use a dry cloth to clean it.
The use of solvents or other aggressive substances should be avoided at all costs.

Disposal: at the end of its useful life, the product described in this data sheet is classified as waste from electronic equipment according to the European Directive 2012/19/EU (WEEE recast), implemented in Italy with Legislative Decree no. 49 of 14 March 2014, and cannot be disposed of as unsorted municipal solid waste. **Important:** Improper disposal of the product may cause serious harm to the environment and human health. For proper disposal, inquire about the collection and treatment methods provided by the local authorities.