

PRODUCT DATASHEET

LVA DIM 1-10 V 12/24 V

LED DIM CONTROLLER | Constant Voltage – Dimmers



Areas of application

- Suitable for indoor installations
- Suitable for LED strip application

Product benefits

- Supports three dimming functions: 1...10 V/PWM/resistor
- Wide output current range 0...15 A for different application
- Long lifetime

Product features

- Dimming range: 1...100 % (PWM)
- Maximum output current: 15 A
- Lifetime: up to 50,000 h (at max. tc temperature)
- Matches with flexible LED strips with 12 V and 24 V constant voltage

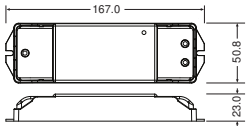
TECHNICAL DATA

Electrical data

| | |
|------------------------|-------------------------|
| Nominal wattage | 360.00 W |
| Nominal output power | 180/360 W ¹⁾ |
| Nominal voltage | 12...24 V |
| Nominal output voltage | 12...24 V |
| Nominal output current | 0...15000 mA |
| Mains frequency | 50...60 Hz |
| Operating frequency | 0 kHz |

1) Max. 180 W at 12 V input / Max. 360 W at 24 V input

Dimensions & Weight



| | |
|----------------|-----------|
| Length | 167.00 mm |
| Width | 51.00 mm |
| Height | 23.00 mm |
| Product weight | 130.00 g |

Colors & materials

| | |
|-----------------|---------|
| Casing material | Plastic |
| Body material | Plastic |

Temperatures & operating conditions

| | |
|--|--------------|
| Ambient temperature range | -30...+55 °C |
| Maximum temperature at tc test point | 85 °C |
| Max.housing temperature in case of fault | 110 °C |

Capabilities

| | |
|--------------------------|---------------------------|
| Dimmable | Yes |
| Dimming interface | 1...10 V / PWM / Resistor |
| Dimming range | 1...100 % |
| Overload protection | Yes |
| Short-circuit protection | Yes |

Certificates & Standards

| | |
|--------------------|------|
| Protection class | I |
| Type of protection | IP20 |

LOGISTICAL DATA

| | |
|------------------------------|--------------|
| Temperature range at storage | -40...+85 °C |
|------------------------------|--------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075216532 | Folding box 1 | 56 mm x 28 mm x 175 mm | 138.00 g | 0.27 dm ³ |
| 4058075216549 | Shipping box 50 | 372 mm x 305 mm x 181 mm | 7384.00 g | 20.54 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.