

LED CV PWM Dimmer Linear Casambi by buschfeld

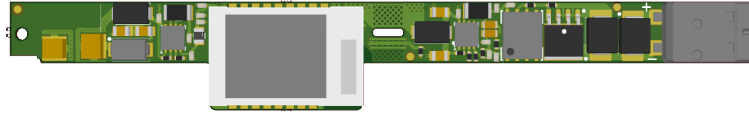
performance parameters

Article No.

6309

- Over-the-Air programmable constant voltage 1 channel LED dimmer
- Controllable via **CASAMBI**

Illustration



Description

This device is developed for direct drive of constant voltage LED applications with low capacitive loads and enables control via Casambi. It has 1-Channel. The benefit is a smooth dimming without artefacts.

Features

- wide input voltage range
- bendable joint in the middle of the PCB
- typical applications: Filament bulbs, LED Bands, deco fixtures

Technical Ratings

Article no.	6309
Input Voltage Typical *1	12 to 48V DC
Input Voltage Maximum *1	10 to 52 V DC
Output Voltage *2	Vin-0,2V
Output Power Typical *2	max. 2 A (96 W)
Output Power Maximum	max. 3 A (150 W)
Power Dissipation	max. 2 W @ max load 0,05 W standby consumption

Humidity 20 - 70%
Storage Temperature -40°C to 85°C
Operating Temperature 0°C to 80°C

Note *1 Use true DC Power supplies with constant voltage only.
*2 max capacitive load 4,7 µF
Use in insulated housing only.

Applications that exceed the driving temperature values shown on this document will void the Buschfeld Dimmer warranty. RMAs will be refused and no replacement electronics or account credits will be made available. This specification sheet covers both device variants, 500 mA and 1 A.

Certifications / Label

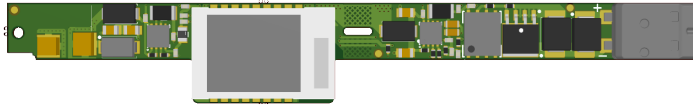


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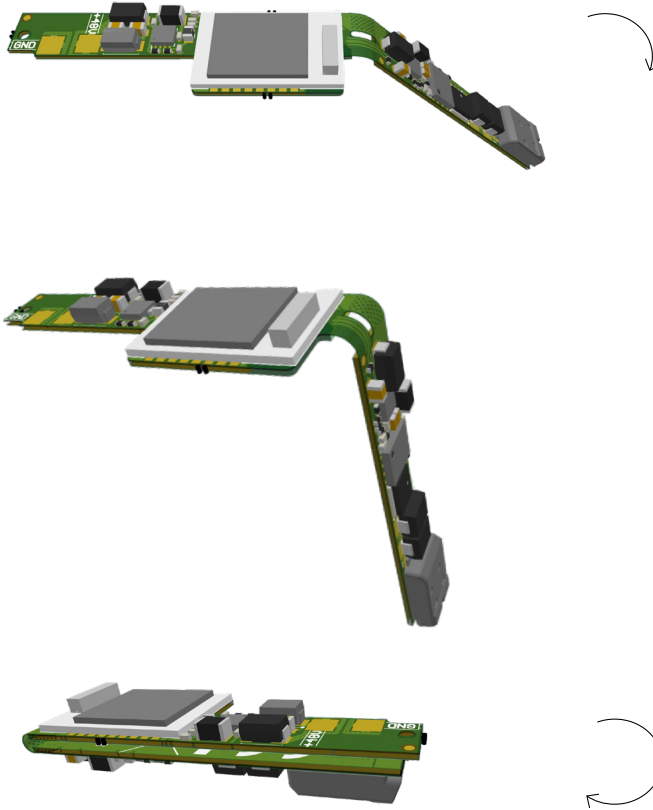
dimensions

Article No
6309

Illustration

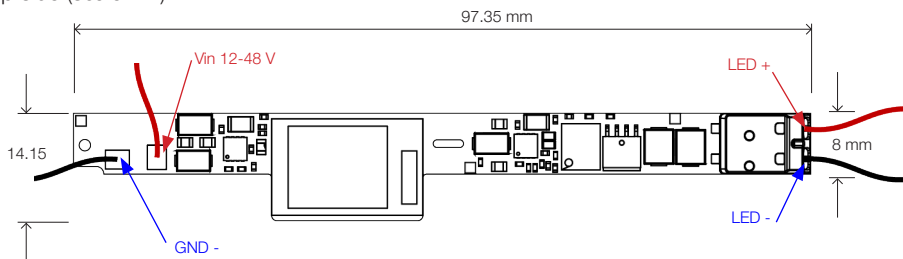


Illustrations possible bending

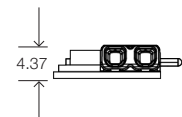


Dimensions

drawing top side (scale 1:1)



drawing right side (Scale 1:1)



Clamp Notes (Adels SMDblank/ 1)

1. Wire Gauge min 0,08 mm²
2. Wire Gauge max 0,5 mm²
3. stripping length 0,8-0,9 mm
4. For more information please refer to:
<https://www.adels-contact.com/data/katalog/montage/SMDBLANK.pdf>