

PRODUCT DATASHEET

LED PRO Phase Cut Dimmable 12/220... 240/300

LED PRO Phase-cut Dimmable CC Driver | Compact constant current LED driver with phase-cut dimming interface



Areas of application

- For indoor SELV installations
- Suitable for downlights, spotlights, LED panels, etc.
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Compatible with many common leading-edge and trailing-edge phase dimmers
- High flexibility due to adjustable output currents via dip switch
- Small housing for flexible luminaire designs

Product features

- Safety extra-low voltage (SELV) driver
- Built-in or independent installation with optional Cable Clamp Kit possible
- Available in 12 W, 20 W, 30 W
- Low ripple current < 5%
- Lifetime: up to 50,000 h (at max. tc temperature)
- Safety according to IEC 61347-1, IEC 61347-2-13
- EMC immunity according to EN 55015, IEC 61547, IEC 61000

TECHNICAL DATA

Electrical data

| | |
|--------------------------------|----------------------|
| Nominal wattage | 12.00 W |
| Nominal voltage | 220...240 V |
| Nominal output voltage | 25...42 V |
| Input voltage AC | 220-240 V |
| Nominal current | 0,07 A |
| Output current tolerance | +/- 5 % |
| Output ripple current (100 Hz) | ≤ 5 % |
| Mains frequency | 50/60 Hz |
| Total harmonic distortion | < 15 % ¹⁾ |
| Power factor λ | ≥ 0.95 ¹⁾ |
| ECG efficiency | 78 % ¹⁾ |
| Surge capability (L-N) | 1 kV |

1) At full load

Dimensions & Weight



| | |
|----------------------------------|----------------------------|
| Length | 97.00 mm |
| Width | 40.00 mm |
| Height | 27.00 mm |
| Cable cross-section, input side | 0.75...1.5 mm ² |
| Cable cross-section, output side | 0.5...1.5 mm ² |
| Product weight | 76.00 g |

Colors & materials

| | |
|---------------|--------------------|
| Body material | Polycarbonate (PC) |
|---------------|--------------------|

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+50 °C |
| Maximum temperature at tc test point | 75 °C |

Capabilities


| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

| | |
|--------------------------|-----------|
| Dimming interface | Phase Cut |
| Overload protection | Yes |
| Short-circuit protection | Yes |

Certificates & Standards

| | |
|--------------------|-----------------|
| Standards | CB / EMC / ROHS |
| Protection class | II |
| Type of protection | IP20 |

Accessories Optional

| Product image | Product name | EAN |
|---|--------------|---------------|
|  | | 4058075550551 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4099854013126 | Unpacked 1 | 36 mm x 26 mm x 89 mm | 84.00 g | 0.08 dm³ |
| 4099854013133 | Shipping box 40 | 218 mm x 212 mm x 152 mm | 3732.00 g | 7.02 dm³ |

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.