

# PRODUCT DATASHEET

## LED PRO Phase Cut Dimmable 20/220... 240/500

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                | 25.00 W                                             |
| Nominal output power           | 20 W                                                |
| Nominal voltage                | 220...240 V                                         |
| Nominal output voltage         | 25...42 V                                           |
| Nominal output current         | 250 mA / 300 mA / 350 mA / 400 mA / 450 mA / 500 mA |
| Output current tolerance       | ±7,5 %                                              |
| Output ripple current (100 Hz) | < 5 %                                               |
| Mains frequency                | 50...60 Hz                                          |
| Total harmonic distortion      | 20 %                                                |
| Power factor $\lambda$         | 0.90                                                |
| Surge capability (L-N)         | 1 kV                                                |
| Galvanic isolation             | SELV                                                |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Length         | 97.00 mm |
| Width          | 40.00 mm |
| Height         | 27.00 mm |
| Product weight | 95.00 g  |

### Colors & materials

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

### Temperatures & operating conditions

|                                          |              |
|------------------------------------------|--------------|
| Ambient temperature range                | -20...+50 °C |
| Maximum temperature at tc test point     | 75 °C        |
| Max.housing temperature in case of fault | 110 °C       |
| Temperature range in operation           | -20...+50 °C |

### Capabilities

|                          |           |
|--------------------------|-----------|
| Dimmable                 | Yes       |
| Dimming interface        | Phase Cut |
| Overload protection      | Yes       |
| No-load proof            | Yes       |
| Short-circuit protection | Yes       |

### Certificates & Standards

|                           |                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------|
| Approval marks – approval | CE / RoHS                                                                                                  |
| Standards                 | Acc. to IEC 61347-1 / Acc. to IEC 61347-2-13 / Acc. to EN 55015 /<br>Acc. to IEC 61547 / Acc. to IEC 61000 |
| Protection class          | II                                                                                                         |
| Type of protection        | IP20                                                                                                       |

### Accessories Optional

| Product image                                                                     | Product name    | EAN           |
|-----------------------------------------------------------------------------------|-----------------|---------------|
|  | LVA CABLE CLAMP | 4058075299580 |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075299733 | Unpacked<br>1                | 36 mm x 26 mm x 89 mm                | 84.00 g      | 0.08 dm <sup>3</sup> |
| 4058075299740 | Shipping box<br>40           | 218 mm x 212 mm x 152 mm             | 4968.00 g    | 7.02 dm <sup>3</sup> |

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.