

# PRODUCT DATASHEET

## LVED VAL 100/220-240/700 P L

LED VAL Outdoor CC Driver | Constant current driver for LED modules



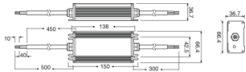
TECHNICAL DATA

Electrical data

|                                |                      |
|--------------------------------|----------------------|
| Nominal wattage                | 100.00 W             |
| Nominal voltage                | 220...240 V          |
| Nominal output voltage         | 100...143 V          |
| Nominal output current         | 700 mA               |
| Output current tolerance       | +/- 5 %              |
| Output ripple current (100 Hz) | ≤ 5 %                |
| Mains frequency                | 50...60 Hz           |
| Total harmonic distortion      | < 10 % <sup>1)</sup> |
| Power factor λ                 | > 0.95 <sup>1)</sup> |
| ECG efficiency                 | ≥93 % <sup>1)</sup>  |
| Surge capability (L/N-Ground)  | 6 kV                 |
| Surge capability (L-N)         | 6 kV                 |

1) At full load

Dimensions & Weight



|                                  |                       |
|----------------------------------|-----------------------|
| Length                           | 143.00 mm             |
| Width                            | 53.00 mm              |
| Height                           | 31.50 mm              |
| Cable cross-section, input side  | 3*1.0 mm <sup>2</sup> |
| Cable cross-section, output side | 2*1.0 mm <sup>2</sup> |
| Product weight                   | 403.00 g              |

Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -40...+55 °C |
| Maximum temperature at tc test point | 90 °C        |

Lifespan

|              |         |
|--------------|---------|
| ECG lifetime | 50000 h |
|--------------|---------|

Capabilities

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

|                          |     |
|--------------------------|-----|
| Overheating protection   | Yes |
| Overload protection      | Yes |
| Short-circuit protection | Yes |

Certificates & Standards

|                           |         |
|---------------------------|---------|
| Approval marks – approval | CB / KC |
| Protection class          | 1       |
| Type of protection        | IP67    |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854050039 | Unpacked<br>1                |                                      | 451.00 g     |           |
| 4099854050046 | Shipping box<br>24           | 410 mm x 285 mm x 165 mm             | 11604.00 g   | 19.28 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.