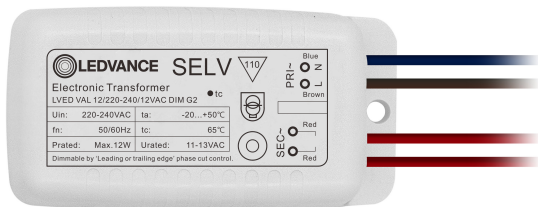


PRODUCT DATASHEET

Electronic Transformer LVED VAL 12/220

Electronic Transformer | Constant Voltage - Indoor - dimmable



Areas of application

- Shop lighting
- Residential
- Hotels
- Museums, art galleries
- Hospitals

Product benefits

- Long lifetime to reduce the maintenance cost
- High Power factor
- Suitable for leading and trailing edge phase cut dimming
- Output voltage: 12 V AC
- Wide ambient temperature range -20 to +50 °C
- Compact design
- SELV, more safety application
- All types comply with IEC safety standards
- Fulfill EMC requirement
- Good compatibility with dimmable lamps

Product features

- Constant voltage 12V LED electronic transformer
- IP20 for indoor application
- Average lifetime up to 35,000 hours
- Frequency: 50/60Hz
- Input voltage: 220...240 V_{AC}
- Easy to install
- SELV equivalent
- Designed for both halogen and LED lamps

- Suitable for independent application

TECHNICAL DATA

Electrical data

Nominal wattage	12.00 W
Nominal output power	11...13 W
Nominal voltage	220...240 V
Nominal output voltage	11...13 V
Input voltage AC	220-240 V
Nominal output current	1000 mA
Mains frequency	50/60 Hz
Total harmonic distortion	≤ 27 % ¹⁾
Power factor λ	> 0.95 ¹⁾
Surge capability (L-N)	1.5 V
Operating frequency	50...60 Hz

¹⁾ At full load

Photometrical data

Luminous efficacy	87 lm/W ¹⁾
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¹⁾ At full load

Dimensions & Weight



Length	71.50 mm
Width	37.50 mm
Height	25.00 mm
Cable cross-section, input side	0.5 mm ²
Cable cross-section, output side	0.5 mm ²
Product weight	47.00 g

Colors & materials

Product color	White
Casing material	Polycarbonate (PC)
Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	65 °C
Max.housing temperature in case of fault	110 °C

Lifespan

ECG lifetime	35000 h ¹⁾
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¹⁾ At maximum T_c / 10% failure rate

Capabilities

Dimmable	Yes
Dimming interface	Phase Cut
Overheating protection	Yes
Overload protection	Yes
No-load proof	Yes

Certificates & Standards

Approval marks – approval	CB
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Standby power	
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854077036	Folding box 1	77 mm x 42 mm x 28 mm	53.00 g	0.09 dm ³
4099854077043	Shipping box 50	230 mm x 175 mm x 180 mm	2858.00 g	7.25 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.