

PRODUCT DATASHEET

DR-VAL -120/220-240/24

LED STRIP VALUE-1400 | LED strips with 1400 lm/m for general applications



Areas of application

- Cove lighting, even in tight spaces
- Wallwasher effect lighting in living rooms, dining rooms, bedrooms, entrances
- For indoor SELV installations
- Offices, shopping centers, hospitals, restaurants, hotels

Product benefits

- Perfectly matched to 24 V LED flexible strips
- Excellent price/performance ratio
- 3 years guarantee
- Quick and simple installation
- Good efficiency and reliability

Product features

- Available in 30 W, 60 W, 120 W and 150 W
- Integrated cable clamp for independent installation
- Lifetime: up to 35,000 h (at max. tc temperature)
- Type of protection: IP20
- Low ripple current < 5%
- Supply voltage: 220...240 V
- Operating frequency: 50/60 Hz
- Operated with less than 60 V: Safety extra-low voltage (SELV)
- Reversible overtemperature, overload, short-circuit and open-circuit protection

TECHNICAL DATA

Electrical data

Nominal wattage	120.00 W
Nominal output power	120 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	24 V ²⁾
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	24 V
Type of current	DC
Nominal current	740 mA
Nominal output current	5000 mA ⁴⁾
Inrush current	62 A
Mains frequency	50...60 Hz
Total harmonic distortion	18 % ⁵⁾
Power factor λ	0.90 ⁶⁾
ECG efficiency	90 % ⁷⁾
Device power loss	12 W ⁸⁾
Max. ECG no. on circuit breaker 10 A (B)	4
Max. ECG no. on circuit breaker 16 A (B)	7
Max. ECG no. on circuit breaker 25 A (B)	10
Surge capability (L-N)	1 kV
Galvanic isolation	SELV

1) From 0 to 120 W

2) Maximum 24 V

3) Permitted voltage range

4) $\pm 10\%$

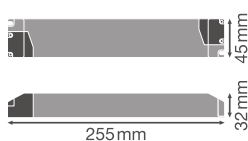
5) At full load, 220...240 V, 50 Hz

6) Full load at 230 V

7) At full load and 230 V

8) Pour une charge maximale de 120 W de LED

Dimensions & Weight



Length	255.00 mm
Mounting hole spacing, length	244.5 mm
Width	45.00 mm
Height	32.00 mm
Cable cross-section, input side	0,5...1,5 mm ²
Cable cross-section, output side	0,5...1,5 mm ²
Prewired	No
Wire preparation length, input side	5...6 mm
Wire preparation length, output side	5...6 mm
Product weight	406.00 g

Colors & materials

Product color	White
Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	90 °C
Max.housing temperature in case of fault	95 °C
Temperature range in operation	-20...+40 °C
Permitted rel. humidity during operation	10...90 % ¹⁾

¹⁾ Maximum 56 days/year at 90%

Lifespan

ECG lifetime	35000 h ¹⁾
--------------	-----------------------

¹⁾ At maximum $T_c = 90^\circ\text{C}$ / 10% failure rate

Additional product data

Encapsulated	No
--------------	----

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	No
Overload protection	Yes
Short-circuit protection	Yes
Max. cable length to lamp/LED module	2,0 m
Suitable for fixtures with prot. class	I / II

Suitable for emergency lighting	No
Type of connection, output side	Screw terminal

Certificates & Standards

Approval marks – approval	CE
Standards	Acc. to EN 61347-1 / Acc. to EN 61347-2-13 / Acc. to EN 55015 / Acc. to EN 61547 / Acc. to EN 61000-3-2 / Acc. to EN 62384
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-20...+75 °C
------------------------------	--------------

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075240131	Folding box 1	58 mm x 45 mm x 273 mm	437.00 g	0.71 dm ³
4058075240148	Shipping box 10	304 mm x 288 mm x 128 mm	5396.00 g	11.21 dm ³
4058075254114	Shipping box 40	598 mm x 323 mm x 292 mm	22407.00 g	56.40 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.