
OT 20/200...240/24

CV Power supplies 24 V



Areas of application

- Suitable for indoor and outdoor SELV installations
- Outdoor applications only in suitable installations
- Suitable for use in tight, flat luminaires or installation in suspended ceilings

Product benefits

- Versatile scope of application due to output power range of up to 240 W
- Very high efficiency and reliability
- Constant luminous flux for very low and high temperatures due to Smart Power Supply

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V ¹⁾
Total harmonic distortion	< 20 %
Power factor λ	0.80 ²⁾
ECG efficiency	83 %
Device power loss	4.0 W ³⁾
Inrush current	10 A
Max. ECG no. on circuit breaker 10 A (B)	42
Max. ECG no. on circuit breaker 16 A (B)	68
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L-N)	1 kV
Nominal output voltage	24 V ⁴⁾
U-OUT (working voltage)	24 V
Nominal output power	20 W ⁵⁾
Galvanic isolation	SELV equivalent
Galvanic isolation primary/secondary	3 kV

¹⁾ Permitted voltage range

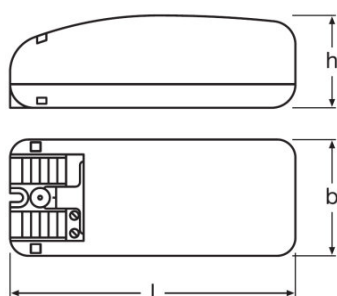
²⁾ Minimum

³⁾ Maximum

⁴⁾ ± 1.0 V

⁵⁾ Partial load 0.5...20 W

Dimensions & weight



Length	109.0 mm
Width	50.0 mm
Height	35.0 mm

Product datasheet

Product weight	108.00 g
Cable cross-section, input side	0.75...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm
Cable/wire length, input side	-
Cable/wire length, output side	-

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	70 °C
Max.housing temperature in case of fault	90 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	30000 h
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Additional product data

Encapsulated	No
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Capabilities

Dimmable	No ¹⁾
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	10 m
Suitable for fixtures with prot. class	II / I
Type of connection, output side	Screw terminal

¹⁾ PWM

Certificates & standards

Approval marks – approval	CE / ENEC 10 / VDE / VDE-EMC / GOST / C-Tick
Standards	Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547
Protection class	I




Product datasheet

Type of protection	IP20
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Logistical data

Temperature range at storage	-40...85 °C
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Download Data

File
 Addon Technical Information ADDON TECHNICAL INFORMATION OT 20230-24024 VS20 OSRAM (GB)
 Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
 Declarations of conformity Declaration of conformity OT 20220-24024

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300618111	OT 20/200...240/24	Shipping carton box 20	270 mm x 105 mm x 229 mm	6.49 dm ³	2396.00 g

- 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.