

OT 8/200...240/24

CV Power supplies 24 V



Areas of application

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

Product benefits

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

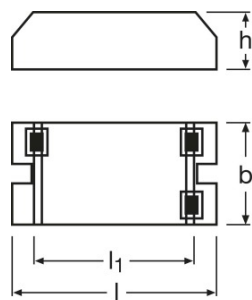
Technical data

Electrical data

Output power	8 W ¹⁾
Input voltage	180...254 V ²⁾
Mains frequency	50...60 Hz
Output voltage	24 V ³⁾
Nominal voltage	200...240 V
Nominal current	0.10 A
Device power loss	2.5 W ⁴⁾
Power factor λ	0.50 ⁵⁾
ECG efficiency	75 %
Inrush current	15 A ⁶⁾
Max. no. of ECGs on circuit breaker 10 A	30
Max. no. of ECGs on circuit breaker 16 A	48
Galvanic isolation primary/secondary	3 kV
Surge capability (L-N)	1 kV

- 1) Partial load 0...8 W
- 2) Permitted voltage range
- 3) ± 1.0 V
- 4) Maximum at 230 V_{AC}, P_{out} = maximum, Ta=25 °C, steady state
- 5) Minimum
- 6) At 240 V_{AC}

Dimensions & weight



Product line drawing

Length	80.0 mm
Width	40.0 mm

Product datasheet

Height	22.0 mm
Product weight	51.00 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

Colors & materials

Casing material	Plastic
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Temperatures

Ambient temperature range	-20...+50 °C
Temperature range at storage	-40...85 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °C

Lifespan

ECG lifetime	30000 h
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Capabilities

Dimmable	Yes ¹⁾
Suitable for fixtures with prot. class	II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	10 m

¹⁾ With OPTOTRONIC dimmers

Certificates & standards

Type of protection	IP20
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
Approval marks – approval	CE / VDE / ENEC 10 / VDE-EMC

Download Data

File
 Addon Technical Information

Product datasheet

ADDON TECHNICAL INFORMATION OT 8200-24024 VS50 OSRAM (GB)	
	Certificates OT VDE ENEC marks approval (G)
	Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
	Declarations of conformity Declaration of conformity OT 9200-240350
	CAD data 3-dim OT 9 80x40x22 9900053
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	CAD data PDF OT 9 80x40x22 9900053

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321040169	OT 8/200...240/24	Shipping carton box 50	121 mm x 143 mm x 212 mm	3.67 dm ³	2701.00 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.