

CC Power supplies with 1...10 V



- Suitable for indoor SELV installations

- Compact housing

- Dimmable via external potentiometer

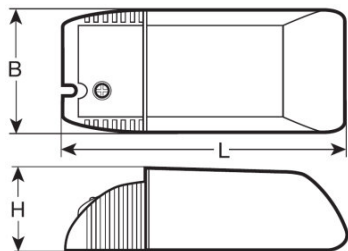
Technical data

Electrical data

Nominal voltage	200...240 V
Mains frequency	50...60 Hz
Input voltage AC	180...254 V ¹⁾
Power factor λ	0.50 ²⁾
ECG efficiency	75 % ³⁾
Device power loss	2.16 W ⁴⁾
Power loss in stand-by mode	<1 W
Inrush current	15 A ⁵⁾
Max. ECG no. on circuit breaker 10 A (B)	30
Max. ECG no. on circuit breaker 16 A (B)	48
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L-N)	1 kV
Nominal output voltage	2.0...25 V ⁶⁾
Nominal output current	0...350 mA ⁷⁾
Nominal output power	8.5 W
Galvanic isolation	SELV equivalent
Galvanic isolation primary/secondary	3.75 kV ⁸⁾

- 1) Permitted voltage range
- 2) Minimum/Full load at 230 V
- 3) Typical / At full load and 230 V
- 4) At 230 V $P_{AC, out}$ = maximum, $T_a=25\text{ }^{\circ}\text{C}$, steady state
- 5) $t_{width} = 170\text{ }\mu\text{s}$ (measured at 50 % I_{peak})
- 6) Maximum <30 V
- 7) $\pm 5\%$
- 8) SELV-equivalent

Dimensions & weight



Product datasheet

Length	108.0 mm
Width	53.0 mm
Height	33.0 mm
Product weight	108.00 g
Cable cross-section, input side	0.5...1.5 / 0.5...2.5 mm ² ¹⁾
Cable cross-section, output side	0.5...1.5 / 0.5...2.5 mm ² ¹⁾
Wire preparation length, input side	5.5...6.5 mm
Wire preparation length, output side	5.5...6.5 mm

¹⁾ Flexible / Solid leads

Colors & materials

Casing material	Plastic
-----------------	---------

Temperatures & operating conditions

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	70 °C ¹⁾
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 %

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	30000 h ¹⁾
--------------	-----------------------

¹⁾ At maximum T_c / 10% failure rate

Additional product data

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

Capabilities

Dimmable	Yes ¹⁾
Dimming interface	1...10 V
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	I / II

¹⁾ 1 channel analog

Certificates & standards

Approval marks – approval	CE / ENEC 10 / VDE
---------------------------	--------------------

Product datasheet

Standards	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to EN 55015:2006 + A1:2007 + A2:2009/Acc. to IEC 61547:1995 + A1:2000/Acc. to DIN 57710
Protection class	I
Type of protection	IP20

Logistical data

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

Wiring Diagram



Wiring diagram

Download Data

File	
	Addon Technical Information ADDON TECHNICAL INFORMATION OT 9200-240350 DIM VS20 OSRAM (GB)
	Certificates 730563_VDE Certificate
	Declarations of conformity Declaration of conformity OT 9200-240350 DIM OT 18200-240700 DIM
	Declarations of conformity 334861_Declaration of conformity OT 9200-240350 DIM OT 18200-240700 DIM

Product datasheet

	CAD data 3-dim 313437_108x52x33 9900021
	CAD data 3-dim 313457_108x52x33 9900021
	CAD data 3-dim 313479_108x52x33 9900021
	CAD data PDF 313411_108x52x33 9900021

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321187321	OT 9/200...240/350 DIM	Shipping carton box 20	270 mm x 94 mm x 229 mm	5.81 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.