

Product datasheet

Technical data

Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	195...264 V ¹⁾
Power factor λ	0.95 ²⁾
ECG efficiency	87 % ³⁾
Device power loss	5.5 W ⁴⁾
Inrush current	16 A ⁵⁾
Surge capability (L-N)	1 kV
Nominal output voltage	17...34 V ⁶⁾
Nominal output current	800 / 925 / 1050 mA ⁷⁾
Nominal output power	36 W ⁸⁾
Galvanic isolation primary/secondary	3.75 kV ⁹⁾

1) Permitted voltage range

2) Full load at 230 V/50 Hz

3) At full load and 230 V

4) At 230 V

5) $t_{width} = 100 \mu s$ (measured at 50 % I_{peak})

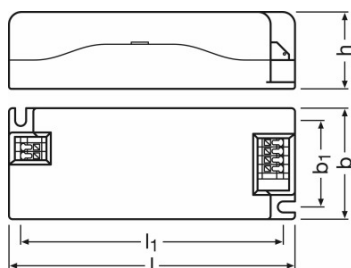
6) Maximum 50 V

7) $\pm 5\%$

8) Partial load 14...36 W

9) SELV-equivalent

Dimensions & weight



Length	110.0 mm
Width	43.0 mm
Height	29.5 mm
Mounting hole spacing, length	101.0 mm
Mounting hole spacing, width	34.0 mm

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Product weight	135.00 g
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Temperatures

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	80 °C ¹⁾
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-25...75 °C

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At tcase = 70°C at tc point / 10 % failure rate

Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	2.0 m
Suitable for fixtures with prot. class	I / II

Certificates & standards



Approval marks – approval	ENEC 10 / VDE / CE
Standards	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61547/Acc. to IEC 61000-3-3
Type of protection	IP20

Logistical data






Temperature range at storage	-25...75 °C
Relative humidity	5...85 % ¹⁾

¹⁾ Non-condensing

Download Data

File
 Product Datasheet OT Technical DS OTe 35_1A0 CS S
 Brochures OPTOTRONIC Compact LED drivers (GB)

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	Certificates ENEC OTe CS CS S
	Certificates VDE EMC approval OTe 10_700 PC and OTe 13_350 PC
	Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
	Declarations of conformity EC DoC OTe CS
	CAD data 3-dim OTe 35 CS S-housing-3D drawing

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899917651	OTe 35/220...240/1A0 CS S	Shipping carton box 20	239 mm x 232 mm x 93 mm	5.16 dm ³	2974.00 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.