

OTe 25/220...240/2X350 SD

OPTOTRONIC OTe 25/220-240/2x350 SD | Power supplies for LED modules



Areas of application

- Suitable for indoor applications

Product features

- SELV equivalent
- 2 output channels
- StepDIM interface: switch between two predefined output currents
- Slim housing with separate plug terminals

Technical data

Electrical data

Nominal voltage	220...240 V
Input voltage	198...264 V ¹⁾
Nominal current	0.13 A ²⁾
Mains frequency	50...60 Hz
Output current	350 mA ³⁾
Output voltage	34 V ⁴⁾
Output power	24 W ⁵⁾
Device power loss	4.5 W ⁶⁾
Power loss in stand-by mode	<1 W ⁷⁾
Power factor λ	0.95 ⁸⁾
ECG efficiency	84 % ⁹⁾
Inrush current	16 A ¹⁰⁾
Galvanic isolation primary/secondary	3.75 kV ¹¹⁾
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV

1) Permitted voltage range

2) At 230 V

3) ± 5 %

4) Maximum 38 V

5) Partial load 1...12 W per channel

6) Maximum

7) No load condition

8) Minimum/Full load at 230 V

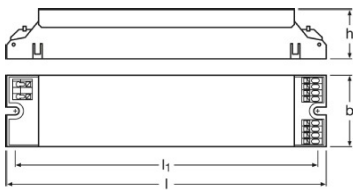
9) At full load and 230 V

10) Maximum / At 20 μ s

11) SELV-equivalent

Dimensions & weight

Product datasheet



Product line drawing

Length	182.0 mm
Width	41.0 mm
Height	28.0 mm
Product weight	170.00 g
Cable cross-section, input side	0.5...1.0 mm ² ¹⁾
Cable cross-section, output side	0.5...1.0 mm ² ¹⁾

¹⁾ Solid or flexible leads

Temperatures

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	75 °C ¹⁾
Max.housing temperature in case of fault	80 °C

¹⁾ Maximum at the Tc-point

Lifespan

ECG lifetime	50000 h ¹⁾
--------------	-----------------------

¹⁾ At $T_c = 45^{\circ}\text{C}$ / 10 % failure rate

Capabilities

Dimmable	Yes
Dimming interface	StepDIM ¹⁾
Dimming range	50 / 100 %
Overload protection	Automatic reversible
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	5.0 m

Product datasheet

Suitable for fixtures with prot. class	I
--	---

¹⁾ by external switch or digital PIR sensor

Certificates & standards

Type of protection	IP20
--------------------	------

Download Data

File	
	Product Datasheet OPTOTRONIC OTe 25 220-240 2x350 SD (EN)

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4008321523693	OTe 25/220...240/2X350 SD	Shipping carton box 20	466 mm x 87 mm x 378 mm	15.32 dm ³	3816.00 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.