

OTe 70/220...240/2X700 SD

OPTOTRONIC OTe 70/220-240/2x700 SD | Power supplies for LED modules



- Suitable for indoor applications

Product features

- SELV equivalent
- 2 output channels
- StepDIM interface: switch between two predefined output currents

Technical data

Electrical data

Input voltage	195...264 V ¹⁾
Nominal voltage	220...240 V
Output current	700 mA ²⁾
Mains frequency	50/60 Hz
Output voltage	16...50 V ³⁾
Max. no. of ECGs on circuit breaker 10 A	15
Max. no. of ECGs on circuit breaker 16 A	24
Output power	70 W ⁴⁾
Power loss in stand-by mode	<2 W
Inrush current	109 A ⁵⁾
Rated power factor λ	0.95/0.90 ⁶⁾
Galvanic isolation primary/secondary	3.75 kV ⁷⁾
No-load proof	Yes
Surge capability (L-N)	1 kV

¹⁾ Permitted voltage range

²⁾ $\pm 10\%$

³⁾ Maximum 55 V per channel

⁴⁾ Partial load 12...35 W per channel

⁵⁾ $t_{\text{width}} = 250 \mu\text{s}$ (measured at 50 % I_{peak})

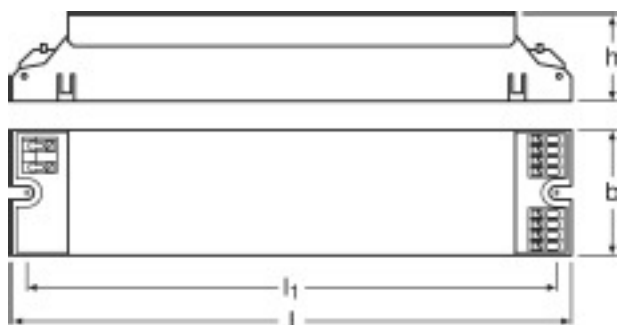
⁶⁾ Minimum/Full load at 230 V/Half load at 230 V

⁷⁾ SELV-equivalent

Dimensions & weight

Length	280.0 mm
Width	40.0 mm
Height	28.0 mm
Product weight	340.00 g
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Cable cross-section, input side	0.5...1.5 mm ² ¹⁾

¹⁾ Flexible / Solid leads



Product line drawing with letters

Temperatures

Ambient temperature range	-25...+50 °C
Maximum temperature at tc test point	80 °C ¹⁾
Max.housing temperature in case of fault	100 °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

Additional product data

New article	In preparation
ECG efficiency	≥88 % ¹⁾

¹⁾ At full load and 230 V

Capabilities

Maximum wiring length ECG/lamp	2.0 m
Dimmable	Yes
Overload protection	Automatic reversible
Overheating protection	Automatic reversible
Short-circuit protection	Automatic reversible

Certificates & standards

Type of protection	IP20
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Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4008321989567	Unpacked 1	39 mm x 29 mm x 275 mm	338.00 g	0.31 dm ³
4008321989574	Shipping carton box 20	79 mm x 221 mm x 574 mm	4498.00 g	10.02 dm ³

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.