

## OTe 35/220...240/700 SD

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OPTOTRONIC OTe 35/220-240/700 SD | Power supplies for LED modules



- Suitable for indoor applications

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### Product features

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

## Technical data

### Electrical data

<b>Input voltage</b>	195...264 V <sup>1)</sup>
<b>Nominal voltage</b>	220...240 V
<b>Output current</b>	700 mA <sup>2)</sup>
<b>Mains frequency</b>	50/60 Hz
<b>Output voltage</b>	16...50 V <sup>3)</sup>
<b>Max. no. of ECGs on circuit breaker 10 A</b>	15
<b>Max. no. of ECGs on circuit breaker 16 A</b>	26
<b>Output power</b>	35 W <sup>4)</sup>
<b>Rated power factor <math>\lambda</math></b>	0.95/0.85 <sup>5)</sup>
<b>Galvanic isolation primary/secondary</b>	3.75 kV
<b>No-load proof</b>	Yes
<b>Surge capability (L-N)</b>	1 kV
<b>Surge capability (L/N-Ground)</b>	1 kV

<sup>1)</sup> Permitted voltage range

<sup>2)</sup>  $\pm 7\%$

<sup>3)</sup> Maximum 60 V

<sup>4)</sup> Partial load 12...35 W

<sup>5)</sup> Minimum/Full load at 230 V/Half load at 230 V

### Dimensions & weight

<b>Length</b>	182.0 mm
<b>Width</b>	41.0 mm
<b>Height</b>	28.0 mm
<b>Product weight</b>	180.00 g
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, input side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>

<sup>1)</sup> Flexible / Solid leads

### Temperatures

<b>Ambient temperature range</b>	-25...+50 °C
<b>Maximum temperature at tc test point</b>	70 °C <sup>1)</sup>

### Temperatures

<b>Max.housing temperature in case of fault</b>	110 °C
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<sup>1)</sup> Maximum at the Tc-point

### Lifespan

<b>ECG lifetime</b>	50000 h <sup>1)</sup>
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<sup>1)</sup> At tcase = 60°C at tc point / 10 % failure rate

### Additional product data

<b>New article</b>	In preparation
<b>ECG efficiency</b>	85 % <sup>1)</sup>

<sup>1)</sup> At full load and 230 V

### Capabilities

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

### Certificates & standards

<b>Type of protection</b>	IP20
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**Logistical Data**

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<b>Product code</b>	<b>Packaging unit (Pieces/Unit)</b>	<b>Dimensions (height x width x length)</b>	<b>Gross weight</b>	<b>Volume</b>
4008321989543	Unpacked 1	39 mm x 29 mm x 178 mm	177.00 g	0.20 dm <sup>3</sup>
4008321989550	Shipping carton box 20	221 mm x 88 mm x 378 mm	4327.00 g	7.35 dm <sup>3</sup>

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## Disclaimer

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