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## OTe 13/220...240/350 PC

CC Power supplies with Phasecut



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### Areas of application

- Optional cable clamp E-style for independent mounting (to be ordered separately)
- Suitable for indoor installations

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### Product benefits

- Compact housing for mounting in very tight spaces
- Compatible with the most common leading-edge and trailing-edge phase dimmers

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### Product features

- Dimmable via leading edge/trailing edge

## Technical data

### Electrical data

<b>Output power</b>	13 W <sup>1)</sup>
<b>Input voltage</b>	198...264 V <sup>2)</sup>
<b>Mains frequency</b>	50...60 Hz
<b>Output voltage</b>	18...38 V <sup>3)</sup>
<b>Output current</b>	350 mA <sup>4)</sup>
<b>Nominal voltage</b>	220...240 V
<b>Device power loss</b>	3.0 W <sup>5)</sup>
<b>Power factor <math>\lambda</math></b>	0.95/0.90 <sup>6)</sup>
<b>ECG efficiency</b>	82 % <sup>7)</sup>
<b>Inrush current</b>	5 A <sup>8)</sup>
<b>Max. no. of ECGs on circuit breaker 10 A</b>	80
<b>Max. no. of ECGs on circuit breaker 16 A</b>	130
<b>Galvanic isolation primary/secondary</b>	3.75 kV <sup>9)</sup>
<b>Surge capability (L/N-Ground)</b>	1 kV
<b>Surge capability (L-N)</b>	1 kV

<sup>1)</sup> Partial load 6.5...13.5 W

<sup>2)</sup> Permitted voltage range

<sup>3)</sup> Maximum <48 V

<sup>4)</sup>  $\pm 10$  %

<sup>5)</sup> Maximum

<sup>6)</sup> Full load at 230 V/Minimum load at 230 V

<sup>7)</sup> At full load and 230 V

<sup>8)</sup>  $t_{width} = 100 \mu s$  (measured at 50 %  $I_{peak}$ )

<sup>9)</sup> SELV-equivalent

### Dimensions & weight

<b>Length</b>	95.0 mm
<b>Width</b>	53.0 mm
<b>Height</b>	25.0 mm
<b>Product weight</b>	100.00 g
<b>Cable cross-section, input side</b>	0.75...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Cable cross-section, output side</b>	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
<b>Wire preparation length, input side</b>	8.0...9.0 mm

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

### Temperatures

<b>Ambient temperature range</b>	-20...+55 °C
<b>Temperature range at storage</b>	-25...75 °C

## Product datasheet

Maximum temperature at tc test point	85 °C <sup>1)</sup>
Max.housing temperature in case of fault	110 °C

<sup>1)</sup> Maximum at the Tc-point

### Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At tcase = 75°C at tc point / 10 % failure rate

### Capabilities







Dimmable	Yes
Dimming range	10...100 %
Suitable for fixtures with prot. class	I / II
Dimming interface	Phase Cut <sup>1)</sup>
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	2.0 m

<sup>1)</sup> Leading edge / Trailing edge

### Certificates & standards

Type of protection	IP20
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 61000-3-3/acc. to IEC 61547
Approval marks – approval	CE / ENEC 10 / VDE / CB

### Download Data

File	
	Product Datasheet OT Technical DS OTe 13 350 PC
	Certificates CB report OTe 10 700 PC and OTe 13 350 PC
	Certificates VDE approval OTe 10_700 PC and OTe 13_350 PC
	Certificates VDE EMC approval OTe 10_700 PC and OTe 13_350 PC
	Declarations of conformity EC-DoC OTe PC ZCI 3015365-DOC-00
	Installation guide OTe 13220-240350 PC
	CAD data 3-dim

## Product datasheet



OTe 10-13 PC -cable clamp



CAD data 3-dim  
OTe 10-13 PC -housing



CAD data 3-dim  
OTe 10-13 PC -housing with cable clamp

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899105324	OTe 13/220...240/350 PC	Shipping carton box 20	90 mm x 207 mm x 284 mm	5.29 dm <sup>3</sup>	2270.00 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.