
OTe 18/220...240/350 PC

CC Power supplies with Phasecut



Areas of application

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

Product benefits

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

Product features

- Dimmable via leading edge/trailing edge

Technical data

Electrical data

Nominal output power	19 W ¹⁾
Input voltage AC	198...264 V ²⁾
Mains frequency	50...60 Hz
Nominal output voltage	27...54 V ³⁾
Nominal output current	350 mA ⁴⁾
Nominal voltage	220...240 V
Device power loss	4.0 W ⁵⁾
Power factor λ	0.95/0.90 ⁶⁾
ECG efficiency	84 % ⁷⁾
Inrush current	5 A ⁸⁾
Max. no. of ECGs on circuit breaker 10 A	52
Max. no. of ECGs on circuit breaker 16 A	84
Galvanic isolation primary/secondary	3.75 kV ⁹⁾
Surge capability (L/N-Ground)	1 kV
Surge capability (L-N)	1 kV

¹⁾ Partial load 9.5...19 W

²⁾ Permitted voltage range

³⁾ Maximum 60 V

⁴⁾ $\pm 10\%$

⁵⁾ Maximum

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

⁷⁾ At full load and 230 V

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

⁹⁾ SELV-equivalent

Dimensions & weight

Length	95.0 mm
Width	53.0 mm
Height	30.0 mm
Product weight	110.00 g
Cable cross-section, input side	0.75...1.5 mm ² ¹⁾
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Wire preparation length, input side	8.0...9.0 mm

¹⁾ Flexible / Solid leads

Temperatures

Ambient temperature range	-20...+55 °C
Temperature range at storage	-25...75 °C

Product datasheet

Maximum temperature at tc test point	80 °C ¹⁾
Max.housing temperature in case of fault	110 °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	Yes
Dimming range	10...100 %
Suitable for fixtures with prot. class	I / II
Dimming interface	Phase Cut ¹⁾
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

¹⁾ 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	
	Certificates VDE EMC OTe 25 700 PC - OTe 18 350 PC - OTe 18 500
	Certificates VDE approval new Phase Cut family G13
	Certificates CB report OTe 25 700 PC - OTe 18 350 PC - OTe 18 500
	Declarations of conformity EC-DoC OTe PC ZCI 3015365-DOC-00
	Installation guide OTe 18220-240350 PC
	CAD data 3-dim OTe 18-25 PC -cable clamp

Product datasheet



CAD data 3-dim
OTe 18-25 PC -housing



CAD data 3-dim
OTe 18-25 PC -housing with cable clamp

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899105348	OTe 18/220...240/350 PC	Shipping carton box 20	284 mm x 207 mm x 100 mm	5.88 dm ³	2478.00 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.