

OT 30/220...240/12 P

CV Power supplies 12 V



Product family benefits

- Versatile scope of application due to output power range of up to 300 W
- Very high efficiency
- IP rating: up to IP67
- High surge protection: up to 6 kV (L-N) / 6 kV (L/N-PE)

Areas of application

- Suitable for indoor and outdoor installations
- Ideal for mounting in very tight spaces

Product datasheet

Technical data

Electrical data

Nominal output power	30 W ¹⁾
Mains frequency	50...60 Hz
Nominal voltage	220...240 V
Nominal current	0.19 A ²⁾
Device power loss	5.0 W
Power factor λ	0.95/0.90 ³⁾
Inrush current	30 A ⁴⁾
Galvanic isolation primary/secondary	3.75 kV ⁵⁾
Nominal output voltage	12.5 V ⁶⁾
Input voltage AC	198...264 V ⁷⁾
Efficiency in full-load	83 % ⁸⁾

1) Partial load 0...30 W

2) At 230 V

3) Full load at 230 V/Half load at 230 V

4) $t_{width} = 170 \mu s$ (measured at 50 % I_{peak})

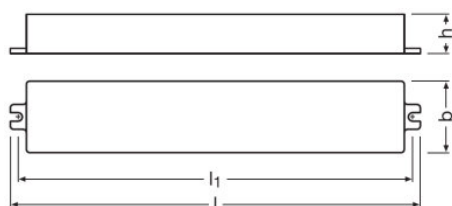
5) SELV-equivalent

6) $\pm 0.5 V$

7) V_{AC} / Permitted voltage range

8) at 230 V, 50 Hz

Dimensions & weight



Length	220.0 mm
Width	40.0 mm
Height	22.0 mm
Mounting hole spacing, length	213.0 mm
Product weight	330.00 g

Product datasheet

Temperatures & operating conditions

Ambient temperature range	-25...+55 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

¹⁾ Non-condensing

Capabilities

Suitable for fixtures with prot. class	II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Dimmable	No
Number of channels	1

Certificates & standards

Type of protection	IP66
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 61547
Approval marks – approval	CE / ENEC 18 / CB / CCC / RCM / EAC / BIS

Logistical data

Commodity code	850440829000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	14-04-2022
Primary Article Identifier	4052899905542
Candidate List Substance 1	Lead
CAS No. of substance 1	7439-92-1
Safe Use Instruction	The identification of the Candidate List substance is sufficient to allow safe use of the article.
Declaration No. in SCIP database	cc620f72-2069-4f5b-bae1-bdb422cdf07d

Download Data

File

Product datasheet

	Product Datasheet Datasheet OT 30220-24012 P
	Brochures OPTOTRONIC constant-voltage LED power supplies and controls (EN)
	Declarations of conformity 728507_EU Declaration OT
	Declarations of conformity EU Declaration of Conformity 3540579
	CAD data 3-dim OT 30 220-240 12 P-3D stp file

Ecodesign regulation information:

Intended for use with LED modules.

The forward voltage of the LED light source shall be within the defined operating window of the control gear in all operating conditions including dimming if applicable.

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899905542	OT 30/220...240/12 P	Shipping carton box 30	356 mm x 292 mm x 223 mm	23.18 dm ³	12005.00 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.