

PRODUCT DATASHEET

OT 30/220...240/12 P

CV Power supplies 12 V | CV Power supplies 12 V



Areas of application

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

Product benefits

- Versatile scope of application due to output power range of up to 120 W
- Very high efficiency and reliability
- High IP protection (up to IP67)
- High surge protection: up to 3 kV (L-N) / 6 kV (L/N-PE)

TECHNICAL DATA

Electrical data

Nominal wattage	35.00 W
Nominal output power	30 W ¹⁾
Nominal voltage	220...240 V
Nominal output voltage	12.5 V ²⁾
Input voltage AC	198...264 V ³⁾
U-OUT (working voltage)	12.5 V
Nominal current	0.19 A ⁴⁾
Inrush current	30 A ⁵⁾
Mains frequency	50/60 Hz
Total harmonic distortion	< 20 %
Power factor λ	0.95 ⁶⁾
ECG efficiency	85 % ⁷⁾
Device power loss	5 W
Max. ECG no. on circuit breaker 10 A (B)	13
Max. ECG no. on circuit breaker 16 A (B)	21
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L-N)	4 kV
Galvanic isolation	SELV equivalent

1) Partial load 0...30 W

2) ± 0.5 V

3) V_{AC} / Permitted voltage range

4) At 230 V

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

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

7) At full load and 230 V

Dimensions & Weight

Length	220.00 mm
Mounting hole spacing, length	213,0 mm
Width	40.00 mm
Height	22.00 mm
Cable cross-section, input side	1 mm ² ¹⁾
Cable cross-section, output side	1 mm ² ¹⁾
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm
Product weight	330.00 g

1) Flexible

Colors & materials

Casing material	Plastic
Body material	Plastic

Temperatures & operating conditions

Ambient temperature range	-25...+55 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °C
Permitted rel. humidity during operation	5...85 % ¹⁾

1) Non-condensing

Lifespan

ECG lifetime	50000 h ¹⁾
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1) At T_a = 70°C / 10% failure rate

Additional product data

Encapsulated	No
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Capabilities

Dimmable	No
Dimming interface	Not dimmable
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
No-load proof	Yes
Short-circuit protection	Automatic reversible
Max. cable length to lamp/LED module	10 m
Suitable for fixtures with prot. class	II




Certificates & Standards

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

LOGISTICAL DATA

Temperature range at storage	-40...+85 °C
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DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	387989_Instruction Sheet OT 30/220-240/12 P
 Declarations of conformity	EU Declaration of Conformity 3540579
 Declarations of conformity	728507_EU Declaration OT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899905542	Unpacked 1	219 mm x 32 mm x 42 mm	330.00 g	0.29 dm ³
4052899905573	Shipping box 30	356 mm x 292 mm x 223 mm	12005.00 g	23.18 dm ³

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.