
OT 60/220...240/12 P

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)

Product datasheet

Technical data

Electrical data

Nominal output power	60 W ¹⁾
Mains frequency	50...60 Hz
Nominal voltage	220...240 V
Nominal current	0.33 A ²⁾
Device power loss	9.0 W
Power factor λ	0.98/0.93 ³⁾
ECG efficiency	86 % ⁴⁾
Inrush current	35 A ⁵⁾
Galvanic isolation primary/secondary	3.75 kV ⁶⁾
Nominal output voltage	12.5 V ⁷⁾
Input voltage AC	198...264 V ⁸⁾

1) Partial load 0...60 W

2) At 230 V

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

4) At full load and 230 V

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

6) SELV-equivalent

7) $\pm 0.5 V$

8) V_{AC} / Permitted voltage range

Dimensions & weight



Length	180.0 mm
Width	50.0 mm
Height	34.0 mm
Product weight	700.00 g
Mounting hole spacing, length	171.0 mm
Mounting hole spacing, width	14.0 mm ¹⁾

1) Side mounting

Product datasheet

Temperatures & operating conditions

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

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
Max. cable length to lamp/LED module	10 m
Dimmable	No ¹⁾

¹⁾ With OPTOTRONIC dimmers

Certificates & standards

Type of protection	IP67
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 18 / CB / C-Tick

Download Data

File
 Product Datasheet OPTOTRONIC OT 60220-24012 P
 Declarations of conformity EC Declaration OT60120 220 240 12P
 Installation guide Instruction Sheet_OT 60220-24012 P

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321790811	OT 60/220...240/12 P	Shipping carton box 10	574 mm x 137 mm x 323 mm	25.40 dm ³	7593.00 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.

Product datasheet

Disclaimer

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