

OT 6/200...240/24 CE

CV Power supplies 24 V



Areas of application

- Suitable for indoor and outdoor SELV installations
- Outdoor applications only in suitable installations
- Suitable for use in tight, flat luminaires or installation in suspended ceilings

Product benefits

- Versatile scope of application due to output power range of up to 240 W
- Very high efficiency and reliability
- Constant luminous flux for very low and high temperatures due to Smart Power Supply

Product datasheet

Technical data

Electrical data

Nominal voltage	200...240 V
Mains frequency	50...60 Hz
Input voltage AC	180...264 V ¹⁾
Total harmonic distortion	< 20 %
Power factor λ	0.50 ²⁾
ECG efficiency	80 %
Device power loss	1.5 W ³⁾
Inrush current	15 A ⁴⁾
Max. ECG no. on circuit breaker 10 A (B)	30
Max. ECG no. on circuit breaker 16 A (B)	48
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L-N)	1 kV
Nominal output voltage	24 V ⁵⁾
U-OUT (working voltage)	24 V
Nominal output power	6 W ⁶⁾
Galvanic isolation	SELV equivalent
Galvanic isolation primary/secondary	3 kV

1) Permitted voltage range

2) Minimum

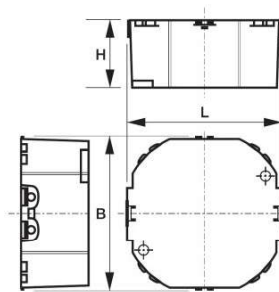
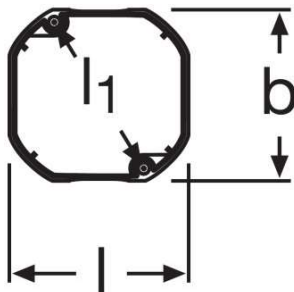
3) Maximum at 230 V_{AC}, P_{out} = maximum, Ta=25 °C, steady state

4) At 240 V_{AC}

5) ±0.8 V

6) Partial load 0.4...6 W

Dimensions & weight



Length	51.0 mm
Width	50.0 mm

Product datasheet

Height	22.0 mm
Product weight	73.00 g
Cable cross-section, input side	1.0 mm ²
Cable cross-section, output side	1.0 mm ²
Wire preparation length, input side	10 mm
Wire preparation length, output side	10 mm
Cable/wire length, input side	185 mm
Cable/wire length, output side	135 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	70 °C
Max.housing temperature in case of fault	100 °C
Permitted rel. humidity during operation	5...85 %

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At $T_{case} = 60^{\circ}C$ at T_c point / 10% failure rate

Additional product data

Encapsulated	No
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Capabilities

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

¹⁾ With OPTOTRONIC dimmers

Certificates & standards








Approval marks – approval	CE / VDE / ENEC 10 / CB
Standards	Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547
Type of protection	IP65

Product datasheet

Logistical data

Temperature range at storage	-40...85 °C
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Download Data

File
 Addon Technical Information 313236_ADDON TECHNICAL INFO OT 6200-24010 CE VS20 and OT 6200-24024 CE VS20 (GB)
 Brochures 730792_Light is universal - Easy installation of efficient complete systems (DE)
 Brochures 730791_Light is universal - Easy installation of efficient complete systems (EN)
 Declarations of conformity 334859_Declaration of conformity – OT 6200-24010 CE
 CAD data 3-dim 313445_51x52x22 9900045
 CAD data 3-dim 313473_51x52x22 9900045
 CAD data PDF 313405_51x52x22 9900045

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321113269	OT 6/200...240/24 CE	Shipping carton box 20	328 mm x 76 mm x 138 mm	3.44 dm ³	1212.50 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.