

OT 6/200...240/24 CE

CV Power supplies 24 V



Areas of application

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

Product benefits

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

Technical data

Electrical data

Output power	6 W ¹⁾
Input voltage	180...254 V ²⁾
Mains frequency	50...60 Hz
Output voltage	24 V ³⁾
Nominal voltage	200...240 V
Nominal current	0.08 A
Device power loss	1.5 W ⁴⁾
Power factor λ	0.50 ⁵⁾
ECG efficiency	80 %
Inrush current	15 A ⁶⁾
Max. no. of ECGs on circuit breaker 10 A	30
Max. no. of ECGs on circuit breaker 16 A	48
Galvanic isolation primary/secondary	3 kV
Surge capability (L-N)	1 kV

¹⁾ Partial load 0.4...6 W

²⁾ Permitted voltage range

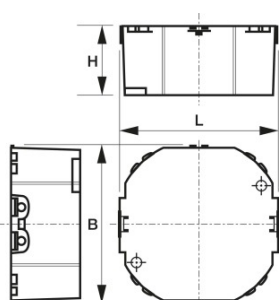
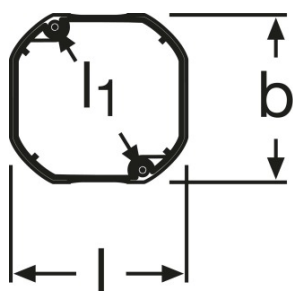
³⁾ ± 0.8 V

⁴⁾ Maximum at 230 V_{AC}, P_{out} = maximum, Ta=25 °C, steady state

⁵⁾ Minimum

⁶⁾ At 240 V_{AC}

Dimensions & weight



Product line drawing

Product line drawing - technical

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

Colors & materials

Casing material	Plastic
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Temperatures

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	70 °C
Max.housing temperature in case of fault	100 °C

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At tcase = 60°C at tc point / 10 % failure rate

Capabilities


Dimmable	Yes ¹⁾
Suitable for fixtures with prot. class	II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	10 m

¹⁾ With OPTOTRONIC dimmers

Certificates & standards

Type of protection	IP65
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
Approval marks – approval	CE / VDE / ENEC 10

Download Data

File
 Addon Technical Information

Product datasheet

ADDON TECHNICAL INFO OT 6200-24010 CE VS20 and OT 6200-24024 CE VS20 (GB)



Certificates
OT VDE ENEC marks approval (G)



Declarations of conformity
Declaration of conformity OT 6200-24010 CE



CAD data 3-dim
51x52x22 9900045



CAD data 3-dim
51x52x22 9900045



CAD data PDF
51x52x22 9900045

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
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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.