
OT 75/220...240/24

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

Product datasheet

Technical data

Electrical data

Nominal output power	75 W ¹⁾
Input voltage AC	198...254 V ²⁾
Mains frequency	50...60 Hz
Nominal output voltage	24 V ³⁾
Nominal voltage	220...240 V
Nominal current	0.38 A ⁴⁾
Device power loss	9.0 W ⁵⁾
Power factor λ	0.97 ⁶⁾
ECG efficiency	90 % ⁷⁾
Inrush current	41 A ⁸⁾
Max. no. of ECGs on circuit breaker 10 A	7
Galvanic isolation primary/secondary	3 kV ⁹⁾
Surge capability (L-N)	1 kV

1) Partial load 0...75 W

2) Permitted voltage range

3) ± 1.0 V

4) At 230 V

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

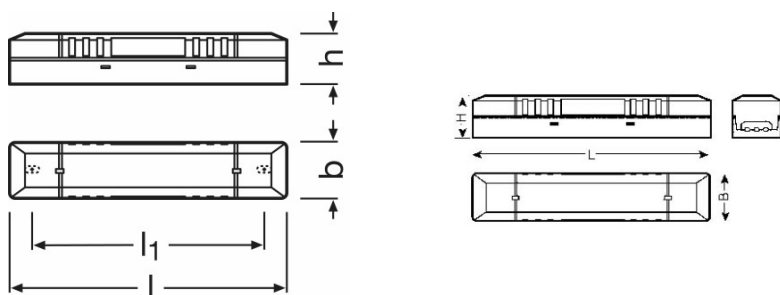
6) Minimum

7) At full load and 230 V

8) t_{width} = 200 μ s (measured at 50 % I_{peak})

9) SELV-equivalent

Dimensions & weight



Length	220.0 mm
Width	47.0 mm
Height	44.0 mm
Product weight	290.00 g

Product datasheet

Cable cross-section, input side	0.75...1.5 mm ² ¹⁾
Cable cross-section, output side	0.5...1.5 mm ² ¹⁾
Wire preparation length, input side	6.0 mm

¹⁾ Solid or flexible leads

Colors & materials

Casing material	Plastic
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Temperatures

Ambient temperature range	-20...+50 °C
Temperature range at storage	-40...85 °C
Maximum temperature at tc test point	80 °C
Max.housing temperature in case of fault	110 °C

Lifespan

ECG lifetime	50000 h ¹⁾
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¹⁾ At tcase = 80°C at tc point / 10 % failure rate

Capabilities

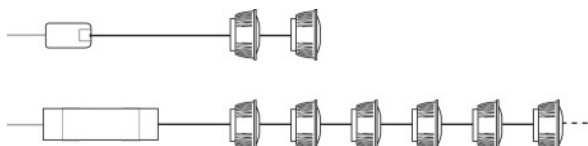
Dimmable	Yes ¹⁾
Suitable for fixtures with prot. class	II
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	10 m

¹⁾ With OPTOTRONIC dimmers

Certificates & standards

Type of protection	IP20
Standards	Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to EN 55015/Acc. to IEC 61000-3-2/Acc. to EN 61000-3-3/Acc. to EN 61547
Approval marks – approval	CE / ENEC 10 / VDE / VDE-EMC / GOST / C-Tick









Wiring Diagram



Wiring diagram

Wiring diagram

Download Data

File	
	Addon Technical Information ADDON TECHNICAL INFORMATION OT 75220-24024 VS10 OSRAM (GB)
	Certificates OT VDE ENEC marks approval (G)
	Certificates VDE-EMC-Certificate OT_OTe_OTp_OT Fit_OTi
	Declarations of conformity Declaration of conformity OT 75220-24024
	CAD data 3-dim 220x47x44 9900016
	CAD data 3-dim 220x47x44 9900016
	CAD data 3-dim 220x47x44 9900016
	CAD data PDF 220x47x44 9900016

Logistical Data

Product datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300817477	OT 75/220...240/24	Shipping carton box 10	252 mm x 118 mm x 246 mm	7.32 dm ³	3135.50 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.